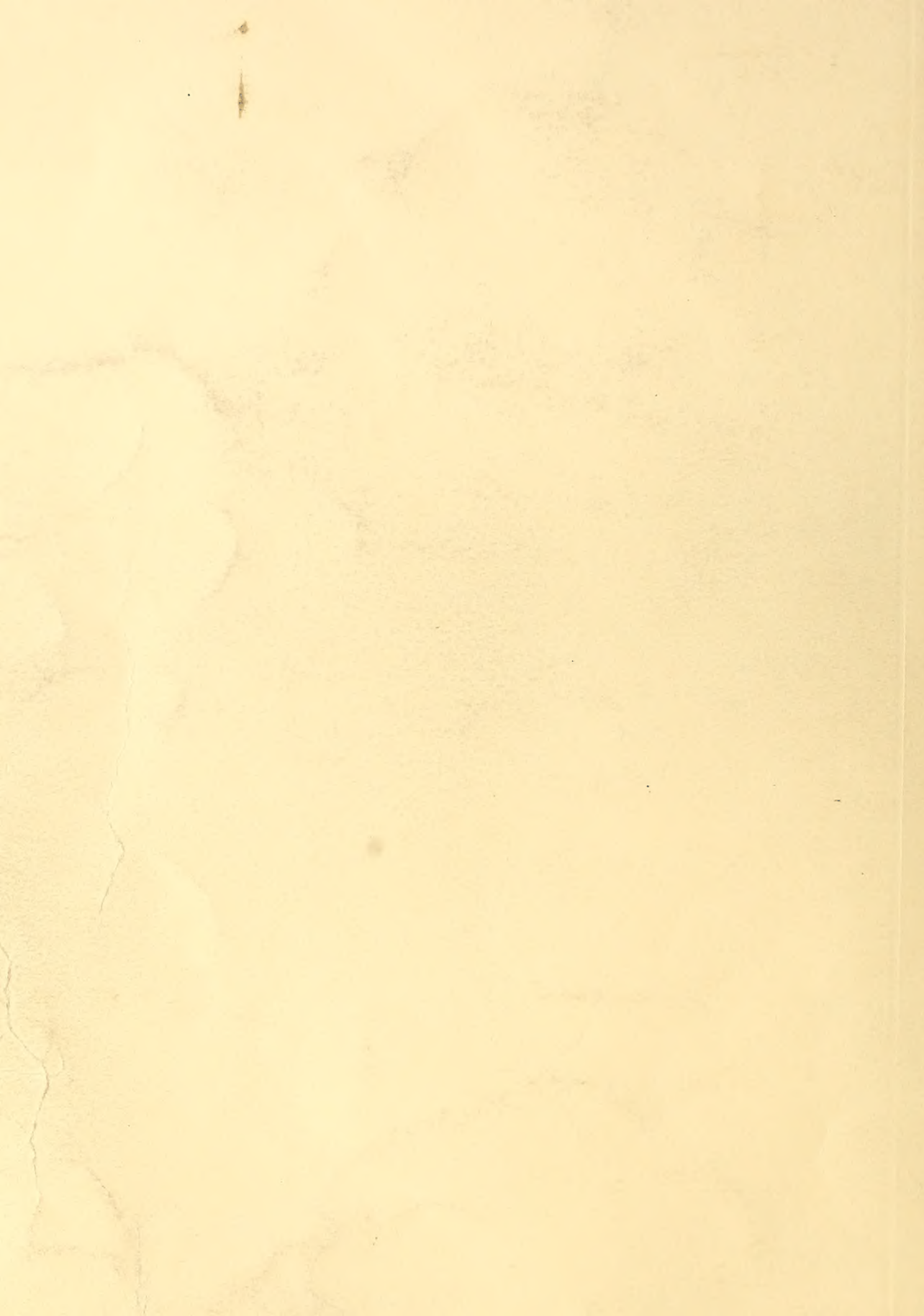


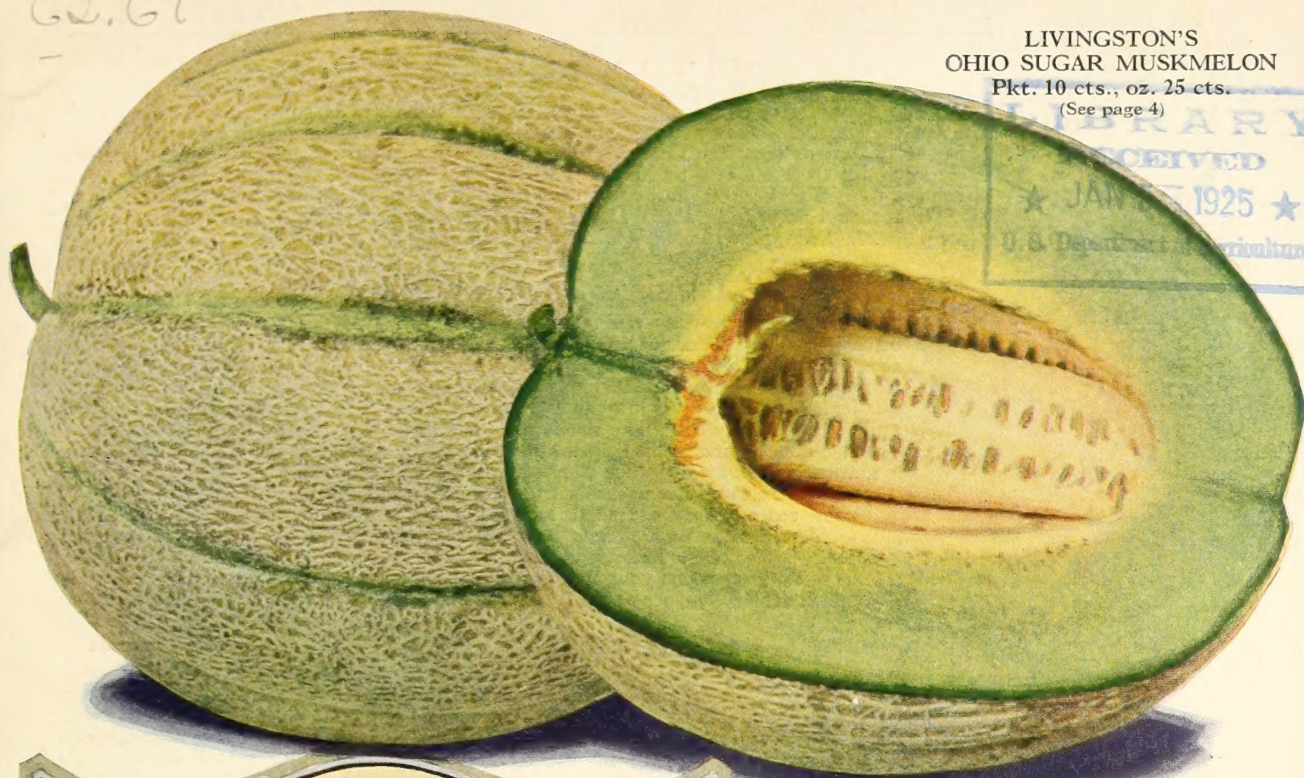
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scientific knowledge, policies, or practices.



62.67

LIVINGSTON'S
OHIO SUGAR MUSKMELON
Pkt. 10 cts., oz. 25 cts.
(See page 4)



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LIVINGSTON'S

"Famous for Tomatoes"

SEED ANNUAL

1925

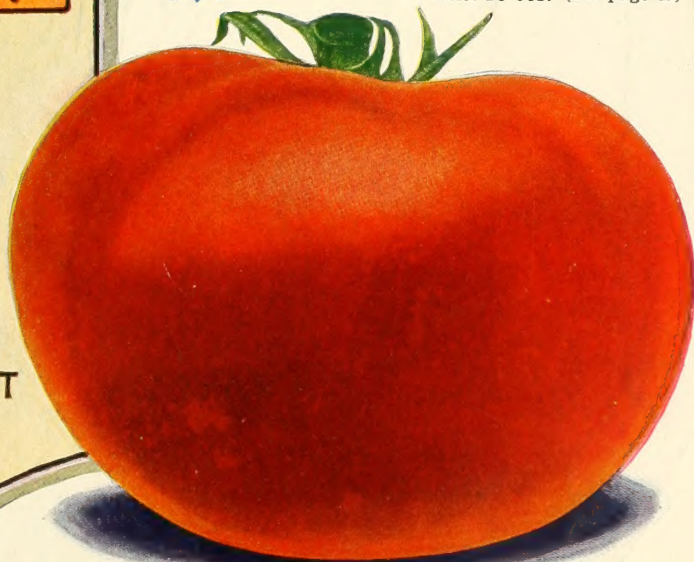


LIVINGSTON'S
STONE TOMATO
Best for Canning
Pkt. 10 cts. (See page 49)

The LIVINGSTON
SEED CO.

ESTABLISHED 1850

59-61 EAST CHESTNUT STREET
COLUMBUS
OHIO



D. N. Shoemaker
DEC 3 0 1925

FOUR INDISPENSABLE VEGETABLES

Whipple's Early Sweet Corn

This variety is very early to have such a large ear, and yet it comes into bearing with some of the small extra-early sorts. The ear is quite like the Evergreen in size and quality. It has 16 to 20 rows of grain to the ear, but is not quite so deep as the Evergreen. The ear is set low on a stalk about 6 feet high. This is one of the grand, good, new things that you ought not to miss trying this season. We can supply this variety in two colors:

Whipple's Early White and **Whipple's Early Yellow**. For detailed description of each, see page 22. Each, pkt. 15 cts., 1/2 lb. 25 cts., lb. 45 cts., postpaid.

Livingston's Early Sugar Corn

This splendid variety was introduced by us in 1911, after more than five years of careful selection to trueness of type. We aimed at highest possible quality, large size, pure white grain and cob, and very early bearing. In Livingston's Early Sugar Corn we have overcome the great objection to many varieties, and that is poor quality. It is extra good in quality, having a pure white, sweet grain of good depth, and set on a white cob. The size is plenty large enough for an early sort, the ears being about 8 inches in length and 2 inches in diameter. It is ready for use or market a week after Golden Bantam and other small sorts.

Our sales of Livingston's Early Sugar have been steadily growing, and the past season they exceeded any other extra-early or early sort, including Golden Bantam, which was next to it in popularity. It is very productive, many of the stalks bearing two full-sized ears. You will be missing a good thing if you do not plant your main crop of Livingston's Early Sugar. For more detailed description, see page 22. Pkt. 10 cts., 1/2 lb. 20 cts., lb. 30 cts., postpaid.

Livingston's Globe Tomato

Greatest of All Tomatoes for Shipping

We feel quite safe in saying that no Tomato ever introduced has been so valuable to the southern growers and shippers as the Livingston's Globe. No variety has produced more valuable crops, almost every season, since we introduced it in 1905. Literally, trainloads of crated Livingston's Globe Tomatoes are shipped out of Florida each season. The shape, the size, and its beautiful color help to make it popular in all markets.

Mississippi and Texas are beginning to use Livingston's Globe in large quantities; and we have been selling large orders in old Mexico for a number of years. As a greenhouse sort, Livingston's Globe is not excelled by any other. There are more greenhouses planted to this variety than all others combined. It is one of the best for the home or kitchen-garden, comes into bearing early, and keeps on bearing almost until frost. Many of the seed-houses are listing Livingston's Globe, but the seed does not come from us unless it is supplied in our bags and under our

registered trade mark seal. We do not supply it to anyone except under this seal. We do this in order to protect our customers from being imposed upon, with seed secured elsewhere and which

has often proved to be untrue. We do not handle any of Livingston's Globe except of our own growing. For detailed description of this greatest of all pink-skinned varieties, see page 48. **High-Grade General Stock, Livingston's Globe Tomato**, pkt. 10 cts., 1/2 oz. 25 cts., oz. 45 cts., 1/4 lb. \$1.50, lb. \$5.50, postpaid.

Selected Globe Tomato

Some years ago we began saving a limited quantity of selected stock of Livingston's Globe especially for greenhouse Tomato growers who wanted something extra good. The demand has now increased to such extent that we are making a special feature of the production of this selected stock. The seed is saved from the best plants, and from the best fruits on these plants. **Selected Stock, Livingston's Globe Tomato**, pkt. 50c., 1/4 oz. \$1, 1/2 oz. \$1.75, oz. \$3.

Livingston's Early Sugar Corn

Livingston's Globe Tomato



Livingston's Novelties and Big Selling Sorts

In the following eight pages we have placed some of the most promising new things in vegetables and flowers, also some of those varieties that sell in largest quantities, over a large portion of the country. We are always on the lookout for new and promising things in vegetables and flowers, both on our farms and trial-grounds and with our growers and customers. Many sorts brought out years ago are just as good, and they have their place just as much now, as the day they

were introduced; and have never had to take a back seat for anything better. On the other hand, every year sees many old favorites relegated to the rear in favor of either something entirely new or an improvement on the old. To make a careful study of this is one principal reason why we operate such extensive trial-grounds here at Columbus. So do not pass up these new or popular sorts—give them, at least, a trial. You will be taking the least risk in using any or all of them in any quantity needed.

We are showing them in the natural colors so far as space would permit; and this, together with accurate descriptions, will give you a good idea of what may be expected in each variety. These big selling sorts have been tried and used, many of them, through a long series of years, with greatest satisfaction.

Those of our customers who grow in quantity for market, should write us for special prices, stating about the quantity needed, and we will reply promptly by mail and send wholesale price-list.

Bountiful Beans

Here is a beautiful flat green-podded variety, which comes into bearing early and produces abundantly. It is dwarf in habit of growth; has a stringless pod and is one of the best in its class. A good sort for home use or nearby markets, but not so good for long distance shipping. Don't fail to try some Bountiful the coming season. Pkt. 10 cts., 1/2 lb. 25 cts., lb. 45 cts., 2 lbs. 80 cts., postpaid.

Kentucky Wonder Pole Beans

This variety takes the lead of all other green-podded pole or corn beans. It has a long chunky pod about eight inches in length, of splendid quality but slightly stringy. A great producer. The pods grow in clusters, which makes them easy to gather. A splendid variety for either home garden or for marketing. Plant largely of Kentucky Wonder to run on poles, or in large-growing Sweet or Field Corn, and you won't regret it. Pkt. 10 cts., 1/2 lb. 25 cts., lb. 45 cts., 2 lbs. 80 cts., postpaid.

Sure-Crop Wax Beans

As its name implies the Sure-Crop is a strong growing hardy sort. The splendid long yellow pods are very nearly straight, and entirely stringless. They are semi-round and fleshy. The Sure-Crop is a rust resistant variety like the Curries Rust Proof but of much finer quality. It's a dandy good sort for home gardens—perhaps too tender for shipping. We hope you'll get started using Sure-Crop this season. Pkt. 10 cts., 1/2 lb. 25 cts., lb. 45 cts., 2 lbs. 80 cts., postpaid.

Full-Measure Beans

The Full-Measure is rather a new variety as compared to many others, but the demand for it is growing each season.

It has light green, straight, round pods—so round they have creased backs, are about six inches long, very fleshy and of very fine quality. Perfectly stringless and so tender they snap off easily when bent. They come into bearing early, are productive, and last a long time. Pkt. 10 cts., 1/2 lb. 25 cts., lb. 45 cts., 2 lbs. 80 cts., postpaid.

For more detailed descriptions of above Beans, see pages 12, 13, and 14

Ask for special prices on any of above varieties of Beans, if wanted in larger quantities



Sure-Crop Wax and Full-Measure Beans



Livingston's True Blue Seeds

Early Jersey Wakefield Cabbage

This variety originated a good many years ago, and it is yet the leading pointed-head variety. The Copenhagen Market, at least in some markets, has crowded it out on account of the more desirable shape of the head.

Our strain of the Jersey Wakefield has proven very reliable in heading and trueness to type.

See, also, page 17 for full description. Pkt. 10 cts., 1/2oz. 20 cts., oz. 30 cts., 1/4lb. 85 cts., lb. \$3, postpaid.

Golden Acre Cabbage

Among the many new varieties of vegetables being constantly offered there is an occasional one of real merit. The Golden Acre Cabbage is one of this kind. In our trial-ground record for 1922 we have this notation. "Sowed seed March 14 and all ready for market June 17. Round, very solid, medium green head, fully a week ahead of any other sort."

This record was duplicated in every detail in our trial-ground record for 1923. Again, in 1924, there was the same result. We have been hearing from some of our customers who have received satisfaction from this excellent sort. We have the seed of Golden Acre grown for us under contract with the originator and are promised a good crop this season. We are paying a long price for this seed, in order that all possible care can be taken with it. If you want an extra-early variety that is good in every way, the Golden Acre is the one to buy. You will find it more fully described on page 17. Pkt. 25 cts., 1/4oz. 35 cts., 1/2oz. 65 cts., oz. \$1.25, 1/4lb. \$4.50, lb. \$16, postpaid.

Early Wonder Beet

A fine selection from Crosby Egyptian, being a little smaller in size. It is, on an average, slightly more full on the bottom. It will be ready to use, or for market, a few days ahead of Crosby. The flesh is a dark red when cooked.

Our sales of Early Wonder are gaining, but are not quite equal to Crosby or Detroit Dark Red. However, it has merit and should be given a trial. On certain soils and under certain climatic conditions, it might prove to be superior to anything you have been using. More fully described on page 15. Pkt. 10 cts., oz. 20 cts., 1/4lb. 50 cts., lb. \$1.75, postpaid.

Copenhagen Market Cabbage

Probably the most popular of all extra-early varieties. The Copenhagen Market is a round-heading sort of good size—large enough for all practical purposes. It forms a solid, round head of good quality which stands shipping long distances. We have been securing a strain of this valuable sort which comes into bearing about a week earlier than most others. It is sent to us direct from Denmark, where it originated.

Plant Copenhagen for your main, first-early crop, but do not fail to try the New Golden Acre. See page 17 for more detailed description. Pkt. 10 cts., 1/2oz. 25 cts., oz. 40 cts., 1/4lb. \$1.30, lb. \$4.50, postpaid.

Early
Jersey
Wakefield
Cabbage

New
Golden
Acre
Cabbage



Early
Wonder
Beet



Improved Chantenay Carrot

This variety is especially fine as an early-maturing sort of medium size. It is of fine quality, of a beautiful shade of orange-yellow, and is used in large quantities by market-gardeners who tie them in bunches and sell when young. One of the best for home-gardens. See, also, page 21 for more detailed description and illustration. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50, postpaid.

Improved Danvers Half-Long Carrot

The big selling sort, as it is good for all purposes—for stock-feeding or for table use. A big Carrot, hence a big yielder. It can be used at all stages of its growth, and is of a rich orange in color, both skin and flesh. Adapted to almost any soil and climate. The best variety for a big main crop, where yield is the first consideration. Further description will be found on page 21. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50, postpaid.

Selected Big Boston Lettuce

For a number of years we have been paying a higher price for a selected strain of this very popular variety. Big Boston is considered the leading Lettuce in most sections. It forms a fine large head, which trims to crisp ivory-white for the table and is of splendid flavor. For the Central States, where warm weather sets in pretty early, we advise getting the crop planted early, so that it will mature while the nights, at least, are cool. It may also be grown to mature in October, by making a late sowing in July. Full description, page 29. Pkt. 10 cts., $\frac{1}{2}$ oz. 15 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.75, postpaid.

Wonderful (New York) Lettuce

A truly wonderful heading variety. It is grown in a very large way, especially in the West, many carloads being shipped to all important market centers in the East. It is peculiar in having a dark green leaf when growing, but when the heads have formed they blanch to a light green, with the center of the head creamy white. A very crisp heading sort, but, like all heading varieties, should be planted so as to avoid hot seasons for heading. See, also,

page 30. Pkt. 15 cts., $\frac{1}{2}$ oz. 25 cts., oz. 45 cts., $\frac{1}{4}$ lb. \$1.50, lb. \$5.50, ppd.

BEATRICE JOHNSON, Clinton County, Ohio, writes: "Early in the spring I bought Wonderful Lettuce from your Company and find it still crisp and tender."

Big Boston Lettuce

(Left) Wonderful Lettuce



Danvers Carrot





Livingston's True Blue Seeds

Livingston's Ohio Sugar Muskmelon

This is probably the finest green-fleshed main-crop sort ever introduced. It outsells all other green-fleshed varieties combined each season, and several hundred pounds to boot. The Livingston's Ohio Sugar is identical with Livingston's Tip-Top, introduced by us in 1892, except that it has green flesh. In flavor it differs somewhat, but both of them are most delicious. The texture of the flesh is very fine, fairly melting in the mouth. Ohio Sugar is a very sure cropper of highly flavored melons, without much regard to weather conditions. It is very rarely that a season is so bad as to spoil their flavor.

We are showing the Ohio Sugar on the front cover page this season, although it was necessary to reduce it very much in size. You should grow a patch of them in order to know of their splendid eating qualities. For detailed description of Ohio Sugar refer to page 32. Pkt. 10c., oz. 25c., 1/4lb. 75c., 1lb. \$2.50, postpaid.

Livingston's Tip-Top Muskmelon

Introduced by us in 1892 and has led all other yellow-fleshed sorts for years. The sales of Livingston's Tip-Top during the season of 1924 exceeded all other yellow-fleshed sorts combined by hundreds of pounds. It is a large-sized melon, ripening medium early, and is grown for main crop in the central western states. Stands adverse weather conditions well, hence is almost sure to produce a good crop, of highly flavored fruits each season—very much like Livingston's Ohio Sugar in this respect. It is grown in a large way along the National Highway in Ohio and Indiana, the roadside sales amounting to thousands of dollars annually. There is not much gamble in using Livingston's Tip-Top for home use or home market or to ship to other markets. For detailed description, see page 32. Pkt. 10 cts., oz. 25 cts., 1/4lb. 75 cts., 1lb. \$2.50, postpaid.

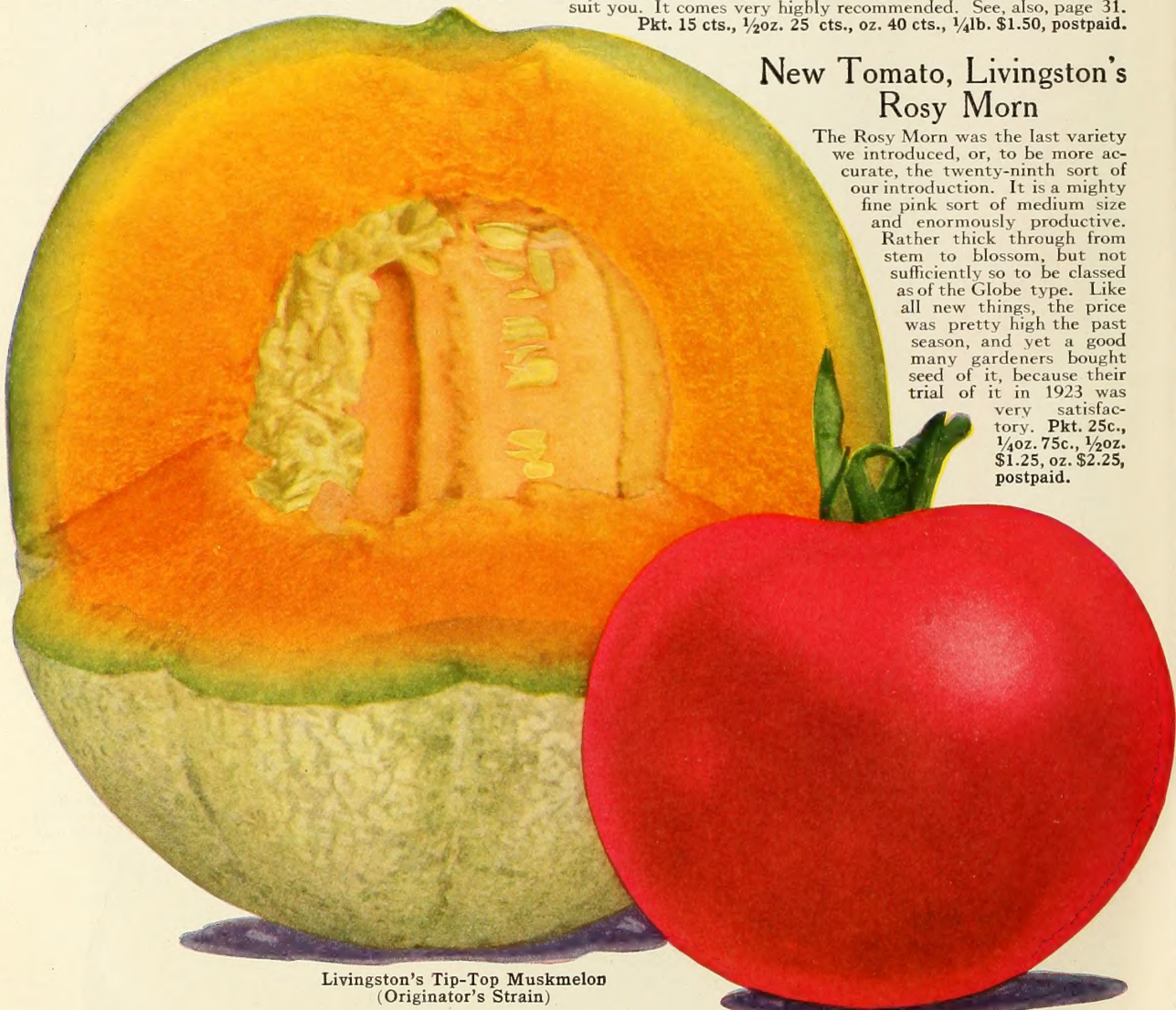
New Muskmelon, Honey Ball

This new Cantaloupe is about as round as a ball and is almost solid. The seed cavity is exceptionally small. It is a high-flavored shipping sort of great promise. It was produced by crossing the Cannon Ball with the Honey Dew, giving it the shape of the former and the sweetness of the latter. The Honey Ball matures a little later than the Rocky Ford, and, as it keeps a long time after being picked, will be popular as a long-distance shipping sort. Try this new sort; it may just suit you. It comes very highly recommended. See, also, page 31.

Pkt. 15 cts., 1/2oz. 25 cts., oz. 40 cts., 1/4lb. \$1.50, postpaid.

New Tomato, Livingston's Rosy Morn

The Rosy Morn was the last variety we introduced, or, to be more accurate, the twenty-ninth sort of our introduction. It is a mighty fine pink sort of medium size and enormously productive. Rather thick through from stem to blossom, but not sufficiently so to be classed as of the Globe type. Like all new things, the price was pretty high the past season, and yet a good many gardeners bought seed of it, because their trial of it in 1923 was very satisfactory. Pkt. 25c., 1/4oz. 75c., 1/2oz. \$1.25, oz. \$2.25, postpaid.



Livingston's Tip-Top Muskmelon
(Originator's Strain)

New Tomato, Livingston's Rosy Morn



Mammoth Yellow Prizetaker Onion

For many years this has been the leading sort of the Spanish type, being the best keeper of these mild varieties. The Prize-taker produces a fine, large, light yellow bulb of delicious flavor. Our grower of this variety has given us a splendid high-grade strain of it for many years. Prizetaker has been known to yield a thousand bushels per acre, by the transplanting method. We can supply a leaflet telling how to grow by this method, if requested when ordering. See page 36. Pkt. 10 cts., $\frac{1}{2}$ oz. 15 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50, postpaid.

Ohio Yellow Globe Onion

The most popular of all varieties in the main onion-growing sections of the central and eastern portions of the United States. It matures quite early and has a beautiful glossy yellow skin. The flesh is white, fine-grained, and of delicious flavor. A very hardy sort and a good long keeper. Plant Ohio Yellow Globe for main crop and any surplus can always be marketed at top prices. See, also, page 36 for detailed description of this justly popular sort. Pkt. 10 cts., $\frac{1}{2}$ oz. 15 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50, postpaid.

Southport Red Globe Onion

The most popular of all the globe-shaped Onions in the West. It has a glossy dark red skin, with pinkish white flesh. It is grown for main crop, matures later than White or Yellow Globe, and is a heavy yielder. In the West it is considered the mildest of all the Globe sorts. See, also, page 37. Pkt. 10 cts., $\frac{1}{2}$ oz. 15 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50, postpaid.

Southport White Globe Onion

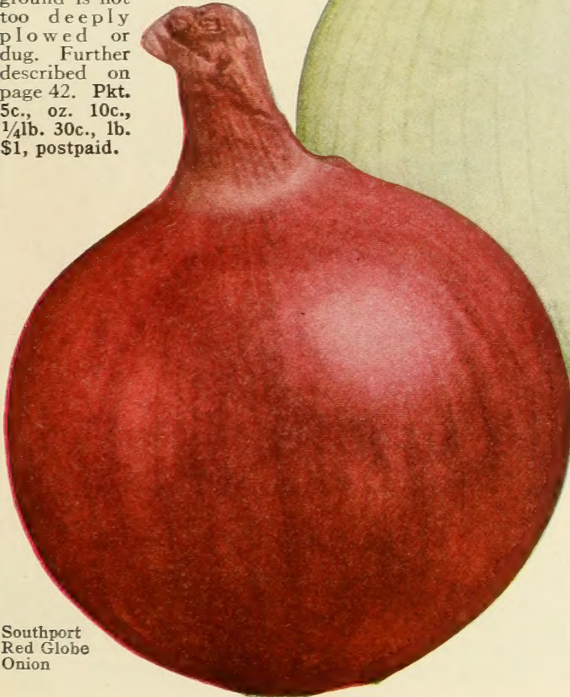
In the White Globe, the greatest possible perfection has been attained in a White Onion. Its pure white skin and flesh are especially pleasing at all times. It is, perhaps, not quite so hardy as the Red or Yellow Globe and will not stand as rough handling, but it is very popular for home gardens and for nearby markets. Our strain of White Globe produces fine large pure white bulbs of very even shape and size. See, also, page 37. Pkt. 10 cts., $\frac{1}{2}$ oz. 20 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1.25, lb. \$4.50, postpaid.

Large Sugar or Hollow Crown Parsnip

This good old sort takes the lead in sales each season. A large, pure white sort, with heavy shoulder at the top and tapering rapidly to the root. Very smooth-growing and of sweet flavor. They grow to best shape (short and thick) if the ground is not too deeply plowed or dug. Further described on page 42. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1, postpaid.

Southport
White
Globe
Onion

Hollow
Crown
Parsnips



Southport
Red Globe
Onion



Ohio
Yellow Globe
Onion



Livingston's True Blue Seeds

Balcony Petunias

These new Petunias are the most beautiful of any in their class, the flowers being in solid colors, without veinings or markings, and covered with a rich velvety sheen. The blooms are much larger and of better substance than the ordinary varieties. Fine for window or porch-boxes, or beds. We offer these in Red, Blue, Rose, White, and Mixed. (2263) Pkt. 15 cts. See page 76.

Cosmos, Double Crested Mixed

An entirely new class, producing flowers beautifully crested and most striking in appearance. A large percentage come true from seed, both as to color and character. The few singles which this strain produces are of the largest size and very beautiful. Height, 4 feet. (1669) Pkt. 20 cts. See page 64.

Statice

One of the finest flowers for winter bouquets and if dried and used with helichrysum and other strawflowers produces a beautiful effect. An easily grown annual which will produce elegant heads in any good garden soil. We have this in Blue, Rose, White, and Mixed. (2453) Pkt. 15 cts. See page 79.

Double Portulaca

This exquisite little plant grows about 6 inches high and is frequently used for covering rockwork and sunny banks. The little flowers resemble tiny roses and the colors range through orange, rose, scarlet, striped, yellow, and white. A bed of this beautiful flower should be in every garden. (2342) Pkt. 15 cts. See page 77.



Livingston's Prize Mixture Phlox

Phlox, Livingston's Prize Mixture

Our improved strain of Phlox produces flower-heads nearly equal in size to the perennial variety, and the colors are more varied and charming. You will be delighted with a bed or border of these. Seed sown in the open ground the beginning of May produces an abundance of bloom throughout summer and fall. (2267) Pkt. 15 cts., 1/4oz. 60 cts. See page 76.

Aster, Betty Jung

This new variety outrivals anything yet seen in Asters. The plants are very vigorous growers and the flowers are giant in size, very full, double and of very lasting quality. Its color is a live bright rose-pink without a trace of the bluish or faded out appearance so much seen in Asters. It is by far the longest stemmed variety. (1430) Pkt. 25 cts. See page 57.

Verbena, Livingston's Mammoth Mixed

Verbenas are more vigorous and produce larger flowers if grown from seed rather than from cuttings. Our mixture contains a fine assortment of mammoth-flowering varieties and is unsurpassed for brilliancy of color. (2670) Pkt. 15 cts., 1/8oz. 45 cts. See page 82.

A Few Suggestions

Other flowers that are worthy of a space in your garden, and which, with just a little care, will produce a wonderful effect. Marigolds are wonderful in brightening up a dark corner. Hardy Sweet Peas, although not fragrant, are beautiful. Alyssum, Calendulas, Candytuft, Celosias, Centaureas, Dahlias, Larkspurs, Salpiglossis, Nasturtiums, and Sweet Peas are just a few of the many annuals found in our list. Throughout our list is to be found a very choice selection of perennial flower seeds, all of which are very beautiful and may be grown with very little care. On page 84 may be found our collection offers which you should not fail to include in your order.



Livingston's Mammoth Mixed Verbena



Livingston's Fancy Pansies

Pansy, Livingston's Fancy Mixture

In our Fancy Mixture we offer you the very best it is possible to obtain in Pansies. We blend this mixture ourselves, in proper proportions for the most brilliant effect. In this magnificent mixture of giant Pansies the blossoms are borne on long stems well above the foliage and are distinguished for their gorgeous and varied colorings and beautiful markings. In this mixture will be found all shades and tints of rose, yellow, lavender, garnet, blue, orange, and many other colors. It will be a keen disappointment not to have our Pansy Mixture in your garden this season. Order it now. (2175) Pkt. 50 cts., 1/8oz. \$2. See page 75.

Calendula, Orange King

The best and showiest Calendula—deep glowing orange with large round heads and hardly a trace of open center. Very easily grown in any good garden soil and blooms continuously from midsummer until frost. For early flowers start inside and transplant. (1525) Pkt. 15 cts. See page 60.

Livingston's
Dahlia-flowered
Zinnia



Poppy, American Legion (New)

A brilliant orange-scarlet with yellow anthers. It is a very free-flowering and very beautiful variety of the Shirley type. In solid beds or when used as a border it produces a very brilliant effect. Height, 18 inches. (2318) Pkt. 15 cts. See page 77.

Zinnia, Dahlia-flowered, Livingston's Special Mixture

Our Special Mixture of this new type of Zinnia is made up from the separate colors. The brilliancy of color and the giant size of the flowers will appeal to those wishing the best. The plants are very strong and vigorous, producing the giant flowers on long stiff stems. Seed may be sown in the open ground May 1, or, if earlier bloom is desired, may be planted inside the latter part of March and transplanted to permanent location about May 1. Do not fail to include this in your order. (2712) Pkt. 25c., 1/4oz. \$1. See page 83.



Livingston's Lawn Grass Seeds

SOWN IN SPRING OR FALL

Livingston's Capitol Lawn Seed. It contains only the highest grade of grasses suitable for the purpose of making a beautiful, durable, lasting lawn. It germinates quickly and roots deeply. This enables it to withstand the intense heat of summer and the hard cold of winter, showing a beautiful rich green. It contains no annual grasses for making a quick show, to the detriment of a permanent lawn, but has only those which are lasting and hardy. When a lawn is once established from our seed, it lasts for years. From six to eight weeks' time is all that is required to form a close, thick turf of rich, velvety green. Owing to the high grade seeds used in our mixtures, one pound is sufficient to sow 300 square feet of new lawn. Lb. 65 cts., 3 lbs. \$1.80, postpaid. By express or freight, not paid, 5 lbs. \$2.10, 10 lbs. \$4.10, 25 lbs. \$10, 100 lbs. \$38.

Shady Place Mixture. On nearly all lawns there are shaded, bare, and unsightly spots on which the owners have difficulty in getting a stand of grass. For such places this mixture is adapted. It is composed of grasses which naturally grow in shaded places. They are the finest and most costly of all grasses. If the soil is covered with moss or seems "sour" and out of condition, rake off the surface and apply hydrated lime at the rate of 100 pounds to 1,000 square feet; this will sweeten the soil. Lb. 75 cts., 3 lbs. \$2.25, postpaid. By express or freight, not prepaid, 5 lbs. \$2.60, 10 lbs. \$5.10, 25 lbs. \$12.50.

Quick Grower Lawn Seed. We prepare a special mixture that will give quicker results than our Capitol Lawn Seed, yet it makes a good lawn. We recommend this mixture where quick results are desired. Where this mixture is used our Capitol Lawn Seed should be used the next year for renovating. Lb. 65 cts., 3 lbs. \$1.80, postpaid. By express or freight, not paid, 5 lbs. \$2.10, 10 lbs. \$4.10, 25 lbs. \$10, 100 lbs. \$38.

Rough-stalk Meadow. One of the best grasses for shady places. Should be used in all shady place mixtures. Lb. 90 cts., postpaid. By express or freight, not paid, 3 lbs. \$2.25, 5 lbs. \$3.50, 10 lbs. \$6.50.

Crested Dog's-Tail. An excellent grass for hard, dry soils. Forms a close turf remaining green a long time. Dwarf-growing; deep green color; narrow blades. Lb. 60 cts., postpaid. By express or freight, not paid, 3 lbs. \$1.25, 5 lbs. \$1.90, 10 lbs. \$3.50.

For Meadows and Permanent Pastures. We are prepared to furnish seeds adapted to all soils, all situations, and all purposes—for light, medium, and heavy soils. By light soils we mean that which is more or less of a sandy or gravelly nature; the heavy, clay and heavy loams; while the medium is between these two. A light, wet soil may be considered same as for heavy soils; a dry, heavy soil, same as the light soils. Write us what you want, giving nature of soil, number of acres, etc., and we will give you estimate and terms.

Kentucky Blue Grass. Used more for lawns than any other grass. It is slow to start, however, and should be mixed with other quick-growing dwarf grasses. Does best on limestone soils, well enriched. Dark green in color; forms a close, thick turf and is very hardy. Heavy, fine, clean seed. Lb. 60 cts., postpaid. By express or freight, not paid, 3 lbs. \$1.35, 5 lbs. \$2, 10 lbs. \$3.75, 25 lbs. \$8.75, 100 lbs. \$33.

Red Top. One of the Bent grasses. Used on golf-courses and in all good lawn mixtures. Does well in wet places and under unfavorable conditions. Is drought-resistant. Lb. 45 cts., postpaid. By express or freight, not paid, 3 lbs. \$1.20, 5 lbs. \$1.75, 10 lbs. \$3.20, 25 lbs. \$7, 100 lbs. \$24.

Creeping Bent. Used alone on golf putting-grounds and with other grasses in the higher-grade lawn mixtures. High-grade seed very scarce. Lb. \$1.50, postpaid. By express or freight, not paid, 3 lbs. \$4.25.

Red Fescue. A creeping rooted species especially adapted to dry soils. Forms a close, lasting turf, resists drought and does well on poor soils, in shady places, and under trees. Deep green in color. Lb. 60 cts., postpaid. By express or freight, not paid, 3 lbs. \$1.25, 5 lbs. \$1.90, 10 lbs. \$3.50.

Chewing's Fescue. New Zealand-grown Red Fescue. Generally cleaner than European Red Fescue. Lb. 60 cts., postpaid. By express or freight, not paid, 3 lbs. \$1.25, 5 lbs. \$1.90, 10 lbs. \$3.50.

Pacey's Rye Grass. Similar to Perennial Rye Grass but preferable for lawns. Makes a quick growth but does not make a permanent lawn. Should be used in mixture with hardy grasses. Valuable where quick results are desired. Lb. 40 cts., postpaid. By express or freight, not paid, 3 lbs. \$1, 5 lbs. \$1.50, 10 lbs. \$2.75.

White Clover. Thrives on nearly all soils. Is low and close-growing, early and hardy. Spreads rapidly and acts as a binder. Excellent for lawns when mixed with other grasses. Does not stand dry, hot weather well, but tends to keep crab grass in check. Fine seed, very free from Alsike clover. Lb. \$1, postpaid. By express or freight, not paid, 3 lbs. \$2.70, 5 lbs. \$4.50, 10 lbs. \$8.50.

SPECIAL QUOTATIONS.—We are always pleased to quote special prices to parks, institutions, golf clubs, and others who require Lawn Grass Seed in large quantities. Prices subject to market change





\$1.⁰⁰ } Our Great Dollar Collection of "True Blue" Vegetable Seeds } \$1.⁰⁰ Postpaid

EVERY sort included represents the best of its class. The demand for this collection started years ago when we would get orders from people for a dollar's worth of vegetable seeds—"the best we could do." Many are not familiar with the merits of the different sorts offered in this catalogue and for those we get up this collection the best we know how. From year to year we change it. Obsolete sorts are dropped, new varieties of better character added, and we firmly believe that a better collection than ours cannot be bought at so low a price anywhere in this country.

For many years this collection has been considered the biggest dollar's worth of really good seeds offered.

The reason we sell this collection at such a low price is because we can put up hundreds of them before the spring rush starts, so that, when the order comes, all that needs to be done is to wrap the box, affix stamps, and out it goes—always the same day we get the order. No changes can be allowed. This popular-priced collection also gives new customers an opportunity to try a large assortment of "True Blue" seeds at a moderate cost. We consider each collection sold a good investment, which, in time, will bring us increased business.

Here is What One Dollar Will Buy 25 regular full-sized packets for \$1.00

- | | |
|---|---|
| <ol style="list-style-type: none"> 1. Beans, Full Measure. Round green pod; dwarf; stringless. 2. Beans, Wardwell's Kidney Wax. Yellow pod; dwarf. 3. Beet, Detroit Dark Red. Early; round; tender. 4. Beet, Swiss Chard. Used for greens. 5. Cabbage, Early Jersey Wakefield. Fine flavor. 6. Cabbage, Danish Ballhead Short-Stem. Long keeper. 7. Carrot, Chantenay. Fine quality; almost coreless. 8. Cucumber, Klondyke. Best for slicing. 9. Cucumber, Early Fortune. Fine for pickles. 10. Corn, Golden Bantam. Early and sweet. 11. Corn, Evergreen. Large; good quality; late. 12. Kale, Siberian. Fine for greens. | <ol style="list-style-type: none"> 13. Lettuce, All Heart. Fine heading sort. 14. Lettuce, Curled Simpson. Early leaf sort. 15. Muskmelon, Netted Gem. Very early and sweet. 16. Onion, Yellow Globe. Large; good keeper. 17. Parsnip, Hollow Crown. Sweet as sugar. 18. Parsley, Double Curled. Very fine. 19. Pepper, Ruby King. Mild; fleshy; bright red. 20. Radish, Cooper's Sparkler. Early; round; white-tipped. 21. Radish, Cincinnati Market. Long; red. 22. Salsify, Mammoth Sandwich Island. Fine. 23. Spinach, Victoria. Early; tender. 24. Tomato, Livingston's Beauty. Pink; smooth. 25. Turnip, Purple-Top Strap Leaf. Fine sort. |
|---|---|

50c. } Our Great Half-Dollar Collection of "True Blue" Vegetable Seeds } 50c. Postpaid

Here is What Fifty Cents Will Buy 12 regular full-sized packets for 50 cts.

- | | |
|--|--|
| <ol style="list-style-type: none"> 1. Beans, Stringless Green-Pod. Dwarf; fine. 2. Beet, Detroit Dark Red. Early; round. 3. Cabbage, Large Wakefield. Early; pointed head. 4. Carrot, Danvers. Fine quality. 5. Corn, Livingston's Early Sugar. Fine quality. 6. Cucumber, Early White Spine. Good slicer. | <ol style="list-style-type: none"> 7. Lettuce, All Heart. Good heading sort. 8. Parsley, Double Curled. Very fine. 9. Radish, Fireball. Early; round. 10. Spinach, Victoria. Early; tender. 11. Tomato, Chalk's Early Jewel. Red; smooth. 12. Turnip, Purple-Top White Globe. Fine sort. |
|--|--|

With each collection we enclose a helpful leaflet of cultural directions, "The Vegetable Garden"

MRS. WILLIS ARTHUR, Union County, Ohio, writes:

We used your "True Blue" Collection of garden seeds last year, and had one of the nicest gardens in our town.

JOHN MARSHALL, of Grayson County, Texas, writes:

I have received the 50c. collection of "True Blue" Seeds, and think it the best for the price I have seen.



Livingston's True Blue Seeds

Important Suggestions

By Carefully Observing the Following Directions, Mistakes and Misunderstanding Will Be Very Largely Avoided

Always Use the Order Blank and envelope sent with this catalogue when possible. Write plainly, keep a copy of your order, and be sure to sign your name, post office, county and state every time you write to us. Extra envelopes and order blanks will be sent on application, also additional catalogues, if desired.

SEND MONEY. Remittance should always accompany the order. Remittances may be made at our risk by any of the following methods: (1st and best) **Post Office Order;** (2d) **Bank Draft;** (3d) **Express Company Money Order;** (4th) **Cash by Express** in amounts not less than \$5; (5th) **Registered Letters.**

OUR PRICES. In comparing our mail prices with others, especially on heavy seeds, such as Peas, Beans and Corn, by the pound and two pounds, and other seeds by the pound and one-fourth pound, **bear in mind that we pay the postage,** (except to foreign countries) unless otherwise noted.

ORDER EARLY. It is important to order as soon after you get the Catalogue as convenient, then you will have your seeds at hand for planting when you want them.

LARGE ORDERS. Any dealer, market-gardener, institution, or any individual wishing seeds in large quantities is requested to mail us a list of what is wanted and we will promptly return it to them with the very lowest prices marked. **A letter of inquiry may save you dollars** if you want to buy in quantity.

SMALL ORDERS. If you want only a single packet, do not hesitate to order it. We take as much pains with small orders as with a large one. Small "True Blue" seed orders are sure to grow larger.

SHIPPING ORDERS. When goods are to be shipped by freight or express, give plain shipping directions; otherwise we use our best judgment in routing.

BE FREE TO WRITE US for any information pertaining to our business, on a separate sheet of paper from your order, as your letter goes to the general office and your order to mail, express, or other departments.

SEEDS BY MAIL. Sending seeds by mail is a very important branch of our business, and we are well prepared to fill orders promptly and correctly **the day they are received** in nearly all cases.

EVERY YEAR we receive a great many orders with no name signed and consequently cannot tell to whom to address the order. Please be sure to sign your name and give your complete address each time you order.

OUR SEED ANNUAL. Please show this **Seed Annual** to your friends, and if you should receive an extra copy be kind enough to hand it to some neighbor interested in seeds, who will be pleased to get it. We will be glad to send a copy **free** to any of your friends likely to want seeds, in this or any other country. In return we will ask you to **speak a good word for us** to your friends and neighbors. An order this season, no matter how small, secures our catalogue for next season as soon as issued.

CHANGE OF ADDRESS. If you have changed, or intend to change your address, please let us know, and we will change it on our books, so that you will receive our Seed Annual at your new post office.

NON-WARRANTY. Complaints made that seeds are not good should quite as often be attributed to other causes as to the quality of the seeds. There are contingencies continually arising to prevent the very best seeds always giving satisfaction, such as sowing too deep, too shallow, in too wet or too dry soil; insects of all description destroying the plants, as soon as, or before, they appear; wet weather, cold weather, frosts, chemical changes in the seeds induced by temperature, etc. Soil preparation for the reception of seed is very important. If not properly sown, seed with very high germination is bound to perish. For all these reasons, it is impossible to guarantee seeds under all circumstances, therefore The Livingston Seed Company gives no warranty, expressed or implied, as to description, quality, productiveness or any other matter of any seeds, bulbs or plants we sell, and will not be in any way responsible for the crop. **We test all our seeds before sending them to our customers,** and should they fail to grow if promptly and properly tested by the customer, will replace the same amount or give value in others.

Parcel Post Rate Table

Weight Lbs.	ZONES							
	Local	1st-2d	3d	4th	5th	6th	7th	8th
1.....	\$0.05	\$0.05	\$0.06	\$0.07	\$0.08	\$0.09	\$0.11	\$0.12
2.....	.06	.06	.08	.11	.14	.17	.21	.24
3.....	.06	.07	.10	.15	.20	.25	.31	.36
4.....	.07	.08	.12	.19	.26	.33	.41	.48
5.....	.07	.09	.14	.23	.32	.41	.51	.60
6.....	.08	.10	.16	.27	.38	.49	.61	.72
7.....	.08	.11	.18	.31	.44	.57	.71	.84
8.....	.09	.12	.20	.35	.50	.65	.81	.96
9.....	.09	.13	.22	.39	.56	.73	.91	1.08
10.....	.10	.14	.24	.43	.62	.81	1.01	1.20
11.....	.10	.15	.26	.47	.68	.89	1.11	1.32
12.....	.11	.16	.28	.51	.74	.97	1.21	1.44
13.....	.11	.17	.30	.55	.80	1.05	1.31	1.56
14.....	.12	.18	.32	.59	.86	1.13	1.41	1.68
15.....	.12	.19	.34	.63	.92	1.21	1.51	1.80
16.....	.13	.20	.36	.67	.98	1.29	1.61	1.92
17.....	.13	.21	.38	.71	1.04	1.37	1.71	2.04
18.....	.14	.22	.40	.75	1.10	1.45	1.81	2.16
19.....	.14	.23	.42	.79	1.16	1.53	1.91	2.28
20.....	.15	.24	.44	.83	1.22	1.61	2.01	2.40
21.....	.15	.25	.46	.87	1.28	1.69	2.11	2.52
22.....	.16	.26	.48	.91	1.34	1.77	2.21	2.64
23.....	.16	.27	.50	.95	1.40	1.85	2.31	2.76
24.....	.17	.28	.52	.99	1.46	1.93	2.41	2.88
25.....	.17	.29	.54	1.03	1.52	2.01	2.51	3.00
26.....	.18	.30	.56	1.07	1.58	2.09	2.61	3.12
27.....	.18	.31	.58	1.11	1.64	2.17	2.71	3.24
28.....	.19	.32	.60	1.15	1.70	2.25	2.81	3.36
29.....	.19	.33	.62	1.19	1.76	2.33	2.91	3.48
30.....	.20	.34	.64	1.23	1.82	2.41	3.01	3.60
31.....	.20	.35	.66	1.27	1.88	2.49	3.11	3.72
32.....	.21	.36	.68	1.31	1.94	2.57	3.21	3.84
33.....	.21	.37	.70	1.35	2.00	2.65	3.31	3.96
34.....	.22	.38	.72	1.39	2.06	2.73	3.41	4.08
35.....	.22	.39	.74	1.43	2.12	2.81	3.51	4.20
36.....	.23	.40	.76	1.47	2.18	2.89	3.61	4.32
37.....	.23	.41	.78	1.51	2.24	2.97	3.71	4.44
38.....	.24	.42	.80	1.55	2.30	3.05	3.81	4.56
39.....	.24	.43	.82	1.59	2.36	3.13	3.91	4.68
40.....	.25	.44	.84	1.63	2.42	3.21	4.01	4.80
41.....	.25	.45	.86	1.67	2.48	3.29	4.11	4.92
42.....	.26	.46	.88	1.71	2.54	3.37	4.21	5.04
43.....	.26	.47	.90	1.75	2.60	3.45	4.31	5.16
44.....	.27	.48	.92	1.79	2.66	3.53	4.41	5.28
45.....	.27	.49	.94	1.83	2.72	3.61	4.51	5.40
46.....	.28	.50	.96	1.87	2.78	3.69	4.61	5.52
47.....	.28	.51	.98	1.91	2.84	3.77	4.71	5.64
48.....	.29	.52	1.00	1.95	2.90	3.85	4.81	5.76
49.....	.29	.53	1.02	1.99	2.96	3.93	4.91	5.88
50.....	.30	.54	1.04	2.03	3.02	4.01	5.01	6.00
51.....	.30	.55	1.06					
52.....	.31	.56	1.08					
53.....	.31	.57	1.10					
54.....	.32	.58	1.12					
55.....	.32	.59	1.14					
56.....	.33	.60	1.16					
57.....	.33	.61	1.18					
58.....	.34	.62	1.20					
59.....	.34	.63	1.22					
60.....	.35	.64	1.24					
61.....	.35	.65	1.26					
62.....	.36	.66	1.28					
63.....	.36	.67	1.30					
64.....	.37	.68	1.32					
65.....	.37	.69	1.34					
66.....	.38	.70	1.36					
67.....	.38	.71	1.38					
68.....	.39	.72	1.40					
69.....	.39	.73	1.42					
70.....	.40	.74	1.44					

Remember

Our prices include postage on pounds (Peas, Beans, and Corn 2 pounds), unless otherwise noted. Postage for seeds, etc., in larger quantities may be computed from the table above, according to your postal zone from Columbus.



Partial View of Our Trial-Grounds

Livingston's "True Blue" Vegetable Seeds

We have listed only such varieties as are of real merit, at least in some section. We remove all varieties as fast as they are superseded by improved sorts, and are trying very hard to keep all these true to type. We make thousands of tests each year in our trial-grounds to ascertain similarity of variety, so as not to offer the same sorts under different names.

Cultural directions will be found at the heading of each class of vegetables, and also on most of our packets. These directions, while reliable, will not apply in every detail to the extreme sections of the United States, and therefore some allowance must be made for the difference in latitude.

We also send free to our customers, on application, a cultural leaflet, "The Vegetable Garden," which is of value to beginners.

Spargel **Asparagus** Esparragos

It can be grown in any good garden soil, but does best in sunny, moist soil. To grow plants from seed, sow in drills about 1 inch deep, in rows 1 foot apart. Keep the soil mellow and free from weeds; during the summer thin out, and the following spring plants may be set in the permanent bed. For small gardens set the plants 1 foot apart each way, 6 inches below the surface, spreading the roots well apart. Cover with 3 inches of soil and as plants grow draw the soil up to them.

One ounce of seed will sow 60 feet of drill. About 400 plants to the ounce. Leaflet giving cultural directions free to customers

Washington Rust-Proof. The rust-resistant variety. This variety originated with the Department of Agriculture, Washington, D. C., after years of careful hybridizing and selection. Only vigorous-growing plants, free from rust, were used. Should be used on account of its disease-resistant quality. Pkt. 10 cts., oz. 30 cts., $\frac{1}{4}$ lb. 85 cts., lb. \$3, postpaid.

COLUMBIAN MAMMOTH WHITE. A distinct variety, producing shoots which are white and remain so as long as fit for use. Vigorous and robust in habit; grows large shoots. Needs no earthing up. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.25, postpaid.

GIANT EARLY ARGENTEUIL. A splendid early French variety of large size and green in color; excellent flavor. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.25, postpaid.

PALMETTO. Large, dark green variety of vigorous growth, having pointed tips. Early. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1, postpaid.

CONOVER'S COLOSSAL. Large and rapid grower of excellent quality; color green. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1, postpaid.

Spargetohl **Broccoli** Brocoli

Closely allied to the Cauliflower. It is generally considered rather more hardy. In growing Broccoli, a seed-bed should be prepared and the seed sown in May. The plants will be ready to transplant late in June or early in July, and should be set in very rich mellow ground, in rows about 2 $\frac{1}{2}$ feet apart, leaving 18 inches between the plants.

EARLY LARGE WHITE. Heads medium size, close and compact. One of the most certain to head. Pkt. 15 cts., $\frac{1}{2}$ oz. 25 cts., oz. 45 cts.

EARLY PURPLE CAPE. The hardier sort, having greenish purple heads; good flavor. Pkt. 15 cts., $\frac{1}{2}$ oz. 25 cts., oz. 45 cts.

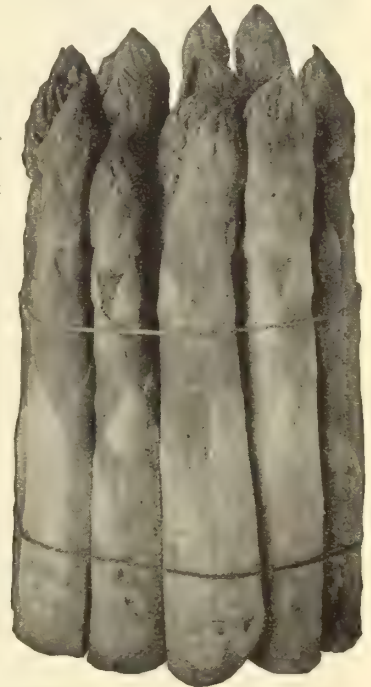
Rosentohl **Brussels Sprouts** Col de Bruselas

A species of the Cabbage family, which produces miniature heads from the sides of the stalk. These heads are a great delicacy, cooked in the same way as cauliflower. Sow seed about the middle of May, in a seed-bed, and the plants afterwards set in rows 2 feet or more apart, and cultivated like cabbage.

IMPROVED DWARF. Produces compact sprouts of the finest quality; a good keeper. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50, postpaid.

Pride of Denmark. A fine variety, growing about 3 feet tall. Sprouts develop along entire stock at one time. Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 80 cts., lb. \$2.75, postpaid.

BORECOLE, or KALE. See page 28.



Washington Rust-Proof Asparagus



Pride of Denmark
Brussels Sprouts



Livingston's True Blue Seeds

Garden Beans

Sure
Crop
Wax

Our strains of Beans are exceptionally fine. They are produced by the best growers in this country, who make a specialty of growing them for seed purposes. The fields are carefully rogued each year, the seed is hand picked, so that our stock will be found first-class.

Bean prices include postage up to two pounds. If the larger quantities are wanted sent by mail, remit additional amount at the parcel post rates. Two pounds (one quart) will plant a row 200 feet long; 1 to 2 bushels to the acre

Wax-Podded Dwarf Varieties

Livingston's Pencil-Pod Wax. **Refugee Wax.** Although hardy, it is stringless, tender and of fine quality. Pods smooth, perfectly round and straight. In points of vigor, hardness and productiveness, it is superior to most sorts. Medium early. Pkt. 10 cts., $\frac{1}{2}$ lb. 25 cts., lb. 45 cts., 2 lbs. 80 cts., postpaid. By express, not prepaid, 7 lbs. \$1.90, 15 lbs. \$3.50.

Webber Wax. **Cracker Jack Wax.** A high-quality, flat-podded, stringless early variety. Pods 6 to 6 $\frac{1}{2}$ inches long, quite broad and uniformly curved, fleshy, stringless and brittle, with little fiber. Plant vigorous and productive. Color of pod is a decided bright yellow. Seed yellow, kidney shaped. Pkt. 10 cts., $\frac{1}{2}$ lb. 25 cts., lb. 45 cts., 2 lbs. 80 cts., postpaid. By express, not prepaid, 7 lbs. \$1.80, 15 lbs. \$3.25.

UNRIVALED WAX. This excellent sort produces an enormous crop of pods in about 33 days, on a small, vigorous-growing, dwarf plant. The pods are about 5 $\frac{1}{2}$ inches long, semi-flat, fleshy, of fine texture, and excellent flavor. They remain in good condition for a long time. Color of pods a beautiful light yellow and almost transparent. The dry Beans are light brown in color. Pkt. 10 cts., $\frac{1}{2}$ lb. 25 cts., lb. 45 cts., 2 lbs. 80 cts., postpaid. By express, not prepaid, 7 lbs. \$1.90, 15 lbs. \$3.50.

Improved Prolific Black Wax. **Pencil-Pod Strain.** Pods are long, fleshy, round, waxy yellow, solid and tender; early. One of the best for home-gardens. Pkt. 10 cts., $\frac{1}{2}$ lb. 25 cts., lb. 45 cts., 2 lbs. 80 cts., postpaid. By express, not prepaid, 7 lbs. \$1.90, 15 lbs. \$3.50.

DAVIS WHITE WAX. Very productive, white-seeded, rustless, string Bean. For family use must be picked quite young. A good shipper. The dry Beans good for cooking. Pkt. 10 cts., $\frac{1}{2}$ lb. 25 cts., lb. 40 cts., 2 lbs. 70 cts., postpaid. By express, not prepaid, 7 lbs. \$1.65, 15 lbs. \$3.

Wardwell's Kidney Wax. **Immensely productive. One of the handsomest wax-podded Beans.** Early; vine medium, erect, hardy, productive. Pods long, broad, flat, brittle and of a delicate light yellow. Very attractive market sort. Pkt. 10 cts., $\frac{1}{2}$ lb. 25 cts., lb. 45 cts., 2 lbs. 80 cts., postpaid. By express, not prepaid, 7 lbs. \$1.90, 15 lbs. \$3.50.

"Sure Crop" Stringless Wax.

Plants are very thrifty and hardy. Thick, leathery leaves resist blight admirably and help this sort to stand a remarkable amount of dry weather. Early; pods average 6 inches long, are semi-round, fleshy, and entirely stringless. Pkt. 10 cts., $\frac{1}{2}$ lb. 25 cts., lb. 45 cts., 2 lbs. 80 cts., postpaid. By express, not prepaid, 7 lbs. \$1.80, 15 lbs. \$3.25.

KEENEY'S RUSTLESS GOLDEN WAX. A strong grower; free from rust; strictly a bush variety. Pods meaty, semi-round, rich yellow, fine quality; **entirely** stringless. Pkt. 10 cts., $\frac{1}{2}$ lb. 25 cts., lb. 45 cts., 2 lbs. 80 cts., postpaid. By express, not prepaid, 7 lbs. \$1.80, 15 lbs. \$3.25.

IMPROVED GOLDEN WAX, GRENNELL'S. Hardy, prolific, of best quality; pods straight, thick, stringless, bush stands erect. Pkt. 10 cts., $\frac{1}{2}$ lb. 25 cts., lb. 45 cts., 2 lbs. 80 cts., postpaid. By express, not prepaid, 7 lbs. \$1.80, 15 lbs. \$3.25.

Livingston's Hardy Wax. **High quality; stringless.** You can't find a stronger or more healthy grower than this variety. Hardy Wax is a good shipper and its great beauty makes it salable anywhere. The round yellow pods are very solid, meaty and tender, absolutely stringless and of fine flavor. Pkt. 10 cts., $\frac{1}{2}$ lb. 25 cts., lb. 45 cts., 2 lbs. 80 cts., postpaid. By express, not prepaid, 7 lbs. \$1.90, 15 lbs. \$3.50.

Ask for prices on larger quantities of Beans

C. A. WHEPLEY, Cuyahoga Co., Ohio, writes: *I have had a very successful garden despite an unusually heavy clay soil which is very poor, and I think a great deal is due to the vitality of your seed. The favorite with us is Sure Crop Beans.*



Wardwell's Kidney Wax



Livingston's Hardy Wax Beans



Green-Podded Dwarf Beans

Prices of Beans include postage up to and including 2 pounds

Bountiful. A green-pod Bush Bean which comes into bearing very early and continues throughout the season. Pods beautifully rich green, very thick, broad, long and uniform; meaty, tender, fine quality; stringless until quite old. Can be used as dry Bean for winter use. A splendid market variety. Pkt. 10 cts., $\frac{1}{2}$ lb. 25 cts., lb. 45 cts., 2 lbs. 80 cts., postpaid. By express, not prepaid, 7 lbs. \$1.80, 15 lbs. \$3.25.

Stringless Green-Pod. One of the finest extra-early Beans in cultivation. It produces in profusion long, straight, round, deeply saddle-backed pods early in the season. The pods are absolutely stringless at all stages of growth, brittle, tender and of real good flavor. One of the finest for home use. Pkt. 10 cts., $\frac{1}{2}$ lb. 25 cts., lb. 45 cts., 2 lbs. 80 cts., postpaid. By express, not prepaid, 7 lbs. \$1.90, 15 lbs. \$3.50.

Giant Stringless Green-Pod. Pods average 5 inches long. Full and fleshy, extremely crisp and absolutely stringless; early and prolific. Fine for canning. Pkt. 10 cts., $\frac{1}{2}$ lb. 25 cts., lb. 45 cts., 2 lbs. 80 cts., postpaid. By express, not prepaid, 7 lbs. \$1.90, 15 lbs. \$3.50.

Full Measure. A very desirable, round-podded variety with pods 6 to 7 inches long, which are solid, meaty, brittle and stringless. It is a little later than Stringless Green-Pod and is a splendid Bean for home or market use. A long-standing sort. Pkt. 10 cts., $\frac{1}{2}$ lb. 25 cts., lb. 45 cts., 2 lbs. 80 cts., postpaid. By express, not prepaid, 7 lbs. \$1.80, 15 lbs. \$3.25.

Stringless Green Refugee. It has every quality desirable in a Bush Bean—true bush habit, $1\frac{1}{2}$ feet high, unusually productive. The pods are round, very handsome, and entirely free from strings at all stages of growth. Splendid for canning. Pkt. 10 cts., $\frac{1}{2}$ lb. 25 cts., lb. 45 cts., 2 lbs. 80 cts., postpaid. By express, not prepaid, 7 lbs. \$1.90, 15 lbs. \$3.50.

HOPKIN'S EARLIEST RED VALENTINE. Best of all Red Valentine strains, early and prolific, round, green podded. Remains in good condition a long time after picking. Pkt. 10 cts., $\frac{1}{2}$ lb. 25 cts., lb. 45 cts., 2 lbs. 80 cts., postpaid. By express, not prepaid, 7 lbs. \$1.80, 15 lbs. \$3.25.

LIVINGSTON'S ROUND SIX WEEKS. Early; strong grower and abundant cropper. Pods green, very fleshy, free from strings when young. Pkt. 10 cts., $\frac{1}{2}$ lb. 25 cts., lb. 40 cts., 2 lbs. 70 cts., postpaid. By express, not prepaid, 7 lbs. \$1.65, 15 lbs. \$3.

BLACK VALENTINE. Very hardy; resists unfavorable weather and disease. Long, straight, semi-round, green pods of fair quality; is not stringless; enormously productive. Ready for market in 50 days from sowing. A fine shipping sort. Pkt. 10 cts., $\frac{1}{2}$ lb. 25 cts., lb. 45 cts., 2 lbs. 80 cts., postpaid. By express, not prepaid, 7 lbs. \$1.80, 15 lbs. \$3.25.

REFUGEE, or 1000-to-1. Fine quality; late. Prolific pods, nearly round; stringless when young; a popular variety for canning. Our strain is extra fine. Pkt. 10 cts., $\frac{1}{2}$ lb. 25 cts., lb. 45 cts., 2 lbs. 80 cts., postpaid. By express, not prepaid, 7 lbs. \$1.80, 15 lbs. \$3.25.

Tennessee Green-Pod. This extra-early sort is quite popular in some sections of the South. The pods are very long, often 6 to 7 inches, flat and irregular in shape, of dark green color and are of exceptionally good quality and stringless when young. Pkt. 10 cts., $\frac{1}{2}$ lb. 25 cts., lb. 40c., 2 lbs. 70c., postpaid. By express, not prepaid, 7 lbs. \$1.65, 15 lbs. \$3.

DWARF HORTICULTURAL (Speckled Cranberry). Splendid for Shell Beans, or used dry. Pkt. 10 cts., $\frac{1}{2}$ lb. 25 cts., lb. 45 cts., 2 lbs. 80 cts., postpaid. By express, not prepaid, 7 lbs. \$1.90, 15 lbs. \$3.50.

FRENCH HORTICULTURAL. One of the most attractive of the Horticultural class. Vine very erect, straight, and compact, with a tendency to throw short runners. Pods 7 to 8 inches long, broad, stringy, fibrous, and distinctly marked with crimson. Pkt. 10 cts., $\frac{1}{2}$ lb. 30 cts., lb. 55 cts., 2 lbs. 90 cts., postpaid. By express, not prepaid, 7 lbs. \$2.40, 15 lbs. \$4.20.

ROBUST PEA BEAN (Improved White Navy). A greatly improved strain of the popular White Navy. The Robust Pea Bean originated at the Michigan Agricultural Experiment Station and is very highly recommended for its high-yielding and disease-resisting qualities. It will, no doubt, quickly displace the old White Navy. Pkt. 10 cts., $\frac{1}{2}$ lb. 30 cts., lb. 50 cts., postpaid.

WHITE NAVY, WHITE MARROW, WHITE KIDNEY. Each, pkt. 10 cts., $\frac{1}{2}$ lb. 25 cts., lb. 35 cts., postpaid.

Bush Lima Beans

Burpee's Improved. This has uniformly larger pods than the original Burpee's Bush Lima. Beans are thicker and remain green even in the dry stage. The plants are very prolific, bearing pods in clusters of from five to seven. The individual pods average 5 inches long and contain up to six Beans. The Beans are thin-skinned and of delightful flavor. Pkt. 10c., $\frac{1}{2}$ lb. 30c., lb. 50c., 2 lbs. 90c., ppd. By express, not prepaid, 7 lbs. \$2.45, 14 lbs. \$4.25.

New Wonder (Quarter Century, or Burpee's Bush Lima). Pods smaller than Burpee's Improved; Beans slightly smaller; a few days earlier and quite productive. A sure cropper. Very true to bush form. Pkt. 10 cts., $\frac{1}{2}$ lb. 30 cts., lb. 45 cts., 2 lbs. 85 cts., postpaid. By express, not prepaid, 7 lbs. \$2.25, 14 lbs. \$4.

HENDERSON'S. Beans and pods are small. Pkt. 10 cts., $\frac{1}{2}$ lb. 25 cts., lb. 40 cts., 2 lbs. 70 cts., postpaid. By express, not prepaid, 7 lbs. \$1.65, 14 lbs. \$3.

WOOD'S PROLIFIC. An improved Henderson's Bush Lima, as the Beans are larger and thicker. Pkt. 10 cts., $\frac{1}{2}$ lb. 25 cts., lb. 45 cts., 2 lbs. 80 cts., postpaid. By express, not prepaid, 7 lbs. \$1.80, 14 lbs. \$3.25.

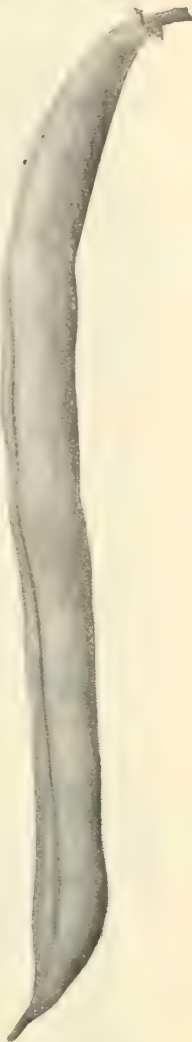
Fordhook. The stiffly erect bushes branch freely and bear tremendous crops. It is ready for use quite early. The Beans are very fat, are closely packed in the pods, shell very easily and remain green a long time. Pods are borne in clusters of from four to six, average 4 to 5 inches long and contain usually four tender Beans of a delightful flavor. Pkt. 10 cts., $\frac{1}{2}$ lb. 30c., lb. 55c., 2 lbs. \$1, postpaid. By express, not prepaid, 7 lbs. \$2.75, 14 lbs. \$4.75.

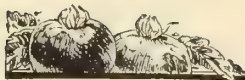
Ask for special prices on Beans in larger quantities



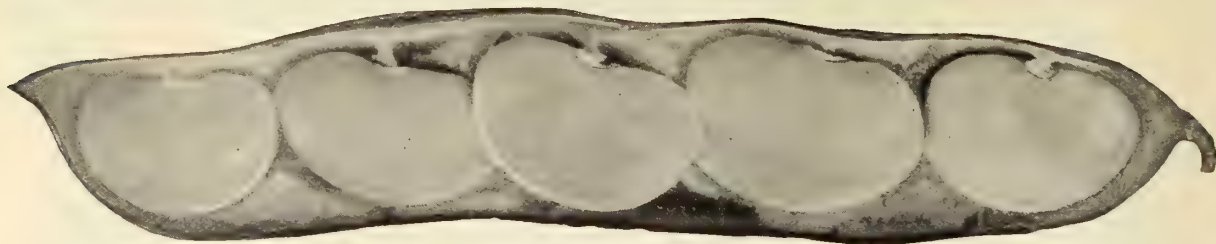
Fordhook
Lima Beans

Full Measure





Livingston's True Blue Seeds



Giant-Podded Pole Lima Beans

Pole Lima Beans

Lima Beans will not grow until the weather and ground are warm. If planted before, they are almost sure to rot in the ground. See cultural directions for Pole Beans below.

Prices on Beans include postage up to and including 2 pounds

Early Leviathan. The earliest of the large-podded sorts. The pods are 5 to 6 inches in length and often contain five to six large, flat, pale green Beans of excellent quality. The Early Leviathan is very productive. Pkt. 10 cts., ½lb. 25 cts., lb. 45 cts., 2 lbs. 80 cts., postpaid. By express, not prepaid, 7 lbs. \$1.90, 14 lbs. \$3.50.

Carpinteria Large Green-Seeded. Vines are strong, setting many pods, which are closely filled with large, fat Beans, much thicker than those of the ordinary Pole Limas. Pods contain three to four Beans, which retain the green tint in the dry state—a sure indication of fine quality. Pkt. 10 cts., ½lb. 25 cts., lb. 45 cts., 2 lbs. 80 cts., postpaid. By express, not prepaid, 7 lbs. \$1.80, 14 lbs. \$3.25.

McQueen's Inoculator for Beans

Have better Beans this season by using this culture. It increases the vine-growth and thereby insures a heavier yield. Easily applied. See page 56 for more details.

Siebert's Early. The result of a number of years' selecting of largest green Beans and easily opening pods. Very productive, hardy, and vigorous. Produces pods early and continues to the last of the season. The green Beans are of immense size, but so tender and succulent that they shrink in drying to about the size of the ordinary White Lima. Pkt. 10 cts., ½lb. 25 cts., lb. 45 cts., 2 lbs. 80 cts., postpaid. By express, not prepaid, 7 lbs. \$1.80, 14 lbs. \$3.25.

King of the Garden. Vigorous grower, pods containing five to six large Beans, which are of fine quality. The vines grow strong and yield heavily. A very fine variety. Pkt. 10c., ½lb. 25c., lb. 45c., 2 lbs. 85c., postpaid. By express, not prepaid, 7 lbs. \$2.20, 14 lbs. \$3.75.

Giant-Podded. (See illustration.) The largest-podded Lima in cultivation; extremely vigorous in growth; midseason. Pods measure about 7 inches long by 1½ inches broad and are borne in clusters of six to eight; Beans extra large and of excellent quality. Pkt. 10 cts., ½lb. 30 cts., lb. 45 cts., 2 lbs. 85 cts., postpaid. By express, not prepaid, 7 lbs. \$2.25, 14 lbs. \$4.

Pole or Running Beans

The Pole or Running varieties are tender and should be sown two weeks later than Bush Beans. They succeed best in sandy loam, which should be liberally enriched with manure. Form hills 3 to 4 feet apart; plant three to six Beans in a hill, 2 inches deep, leaving space in center for the pole. When well started they should be thinned to from two to four plants in the hill.

Two pounds will make 100 to 200 hills, according to size of Beans

Kentucky Wonder, or OLD HOMESTEAD. (See illustration.) An old favorite, with long, fleshy, deeply saddle-backed pods. Very prolific, producing an abundance of fine, stringless, crisp pods until late in the season. Of best quality. Pkt. 10 cts., ½lb. 25 cts., lb. 45 cts., 2 lbs. 80 cts., postpaid. By express, not prepaid, 7 lbs. \$1.90, 15 lbs. \$3.50.

Kentucky Wonder Wax. Quite similar to the Kentucky Wonder or Old Homestead, except in the color of pods, which in this one are light waxy yellow. It has a thick, broad pod, very tender, of delicious flavor and stringless. The pods often attain a length of 8 to 9 inches. It begins bearing when the vines are only a few feet in height, hence its earliness, and, therefore, well adapted to maturing a crop where seasons are quite short. Pkt. 10 cts., ½lb. 30 cts., lb. 55 cts., 2 lbs. \$1, postpaid. By express, not prepaid, 7 lbs. \$2.60, 15 lbs. \$4.50.

EARLY GOLDEN CLUSTER WAX. Vines strong and hardy; very early and continue bearing until frost. Pods are golden yellow, stringless, and tender. Pkt. 10 cts., ½lb. 30 cts., lb. 55 cts., 2 lbs. \$1, postpaid. By express, not prepaid, 7 lbs. \$2.45, 15 lbs. \$4.25.

Lazy Wife. A late productive sort, having medium green pods up to 6 inches in length, broad, flat, stringless, fleshy, brittle and of excellent quality. Dry Beans, round and white. Pkt. 10 cts., ½lb. 25 cts., lb. 45 cts., 2 lbs. 80 cts., postpaid. By express, not prepaid, 7 lbs. \$1.80, 15 lbs. \$3.25.

SPECKLED CRANBERRY (Bird Egg Bean). A midseason sort. Pods 5 inches long; straight, flat and good as Shell Beans only. Pods green, splashed with red, but not edible. Pkt. 10 cts., ½lb. 25 cts., lb. 40 cts., 2 lbs. 75 cts., postpaid. By express, not prepaid, 7 lbs. \$1.65, 15 lbs. \$3.

F. H. CHESEBRO, Palm Beach County, Florida, writes: *I have just been shipping some Bountiful Beans from the seed you sent me last fall, and they outyield and outsell the Refugee and Black Valentine; consequently I am anxious to plant some more before the planting season ends, which is about February 1 here.*

I may need a few more bushels, and next summer I would like to contract with you for enough for all my planting—50 or 60 bushels.

Ask for special prices on larger quantities



Kentucky Wonder Beans



Beets for Table Use

The soil best suited for the culture of the Beet is that which is rather light, provided it is thoroughly mixed with manure. If wanted very early, sow in hotbeds and transplant; but for main crop sow in the spring, as soon as the ground becomes fit to work, in drills $1\frac{1}{2}$ feet apart, $\frac{1}{2}$ inch deep. For winter use, the turnip varieties may be sown as late as June and the seed covered 2 inches. When the plants are 3 to 4 inches in height, thin out so that they stand 3 to 4 inches apart. Keep free from weeds by frequent hoeing and hand-weeding if necessary. Before freezing weather sets in the roots may be stored in cellars or pits, same as potatoes. Dry earth thrown over them before the straw is put on insures their keeping over winter. Do not bruise them in handling.

One ounce of seed will sow 50 feet of drill; 5 to 6 pounds to the acre

Early Wonder. This is an early sort, being ready for market a few days ahead of Crosby's Egyptian. It is a turnip-shaped variety of very uniform type and is always smooth. Flesh is a beautiful deep red color and is of excellent quality. Tops are small and erect and it may therefore be planted closer than most other sorts. See it in color on page 2. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75, postpaid.

Detroit Dark Red. Greatest sort for canners. This superb variety is one of the most popular red turnip Beets, not only for market-gardeners, but for home use. It is also one of the best for canning, making a strikingly handsome product. The small top, early maturing and splendid shape and color have made it a favorite. Top small, upright growing, leaf, stem and veins dark red, blade green; root globular and very smooth; color of skin dark red; flesh deep, bright red, zones with a darker shade, very crisp, tender and sweet, remaining so for a long time. Very uniform in shape, color and quality. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.50, postpaid.



Early Wonder Beet

Crosby's Improved Egyptian. A very superior Beet. Of handsome form, good size, few small tops, very small tap root, fine quality, and a rapid grower. The shape is very desirable, not quite so round as the Eclipse. (See illustration.) Takes on its turnip shape and looks well in the very early stages of its growth, on which account it is preferred for first early crop to the Globe and Half-Long varieties. Being a rapid grower, it may be sown outside as late as July.

Skin dark red, flesh somewhat lighter, with a few specimens of light red or pink, all however are of a fine bright red shade when boiled and equally delicious in flavor. We have made a very fine selection of our stock for years and we believe have it nearer the original Crosby idea than any in the trade. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 45c., lb. \$1.50, postpaid.

Early Eclipse. An early Beet especially desirable for the home garden, as they mature through a long period. The tops are small, roots are bright deep red, smooth, round or slightly top-shaped. The flesh is bright red, zoned with pink; very sweet, crisp and tender, especially when young. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.25, ppd.

DEWING'S IMPROVED BLOOD TURNIP. The leading medium-early main-crop variety. Roots always smooth, handsome, good size, tender, and sweet. An enormous cropper. Sow late for winter storage. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.25, postpaid.

Extra-Early Dark Red Egyptian. Very early, but a little later than Crosby's Egyptian and the shape more flat. Dark blood-red, medium size, tender and sweet; fine for kitchen gardens. The best for forcing. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.40, postpaid.

Edmand's Blood Turnip. A second-early sort and very uniform. Root is always smooth, round, and handsome; top small; of good marketable size and among the best for table use. Color dark red; crisp, tender and sweet; good keeper. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.25, postpaid.

Crimson Globe. A late main crop variety. Root of medium size, handsome, globe shape and remarkably smooth surface. Skin and flesh are deep, rich red, fine

grained, sweet and tender in all stages of growth. Small tap-root; leaves are small, dark green. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 35c., lb. \$1.25, ppd.

HALF-LONG BLOOD-RED. Of handsome shape, fine quality, quick growth; good for winter use if planted late. Deep red, distinctly zoned. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1, postpaid.

LONG DARK BLOOD-RED. A good keeper for winter use, flesh dark blood-red. Fine quality. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1, ppd.

Swiss Chard, or Spinach Beet

A peculiar variety of Beet, of which the leaves only are used as "greens" when young, and are equally delicious when allowed to mature. The broad, white leaf-stalks or mid-ribs can be cooked and served like asparagus. Produces continually from July until fall. Desirable for greens in summer when Spinach cannot be grown.

SILVER, or SEA KALE. Yellowish green in color. The original Swiss Chard, of medium size. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.25, ppd.

Lucullus. An improved variety yielding an enormous crop of delicious "greens." The plants grow from 2 to $2\frac{1}{2}$ feet tall and consist, when fully developed, of about a dozen creamy white, beautifully curled leaves. These leaves are carried on broad, thick stalks, about 1 foot long. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.50, ppd.

DWIGHT DUDLEY, Guernsey County, Ohio, writes: *Have long been a customer and for something surprisingly grand I say, "Send to Livingston's." Your seed is the finest we ever used. Will send larger order next week. Am in a hurry for this.*



Swiss Chard, Lucullus



Livingston's True Blue Seeds

Beets for Stock Feeding

Sugar Beets

Sugar Beets are not as heavy yielders as the mangels but are of superior quality, containing a large amount of sugar. They are excellent for feeding cows, improving wonderfully the quantity and quality of milk. They require the same culture as mangel-wurzels.

KLEIN WANZLEBEN. This splendid Sugar Beet is one of the **greatest milk-producing roots known.** The yield is not quite equal to Mangels, yet the feeding value is superior. Contains the greatest amount of sugar of any. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c., postpaid.

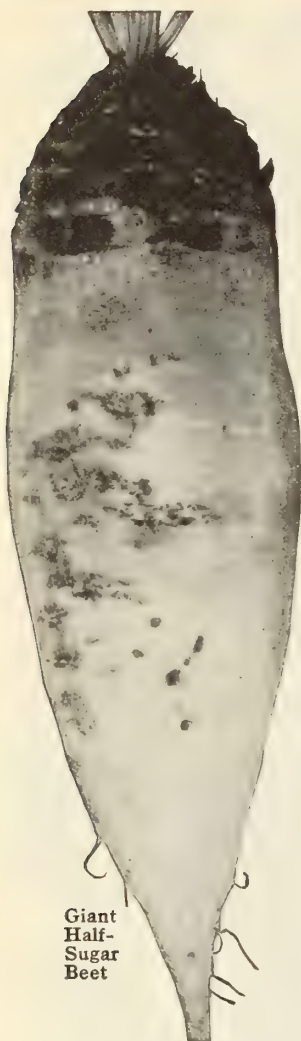
LANE'S IMPERIAL. Especially good for stock-feeding. Large, smooth, fine-grained and very sweet. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 20 cts., lb. 65 cts., postpaid.

GIANT HALF-SUGAR ROSE. Yield nearly as much per acre as mangel-wurzels and the roots are of much larger nutritive value. Roots grow partly out of ground and are easily harvested. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 85 cts., ppd.

GIANT HALF-SUGAR WHITE. Similar to above, only white. Pkt. 5 cts., oz. 10c., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts., postpaid.

CALLIE JONES, of Mississippi, writes as follows: "I received my dollar collection of seeds last year all O. K. and was more than pleased with them. All that I planted came up good, and I am satisfied that I got three times my money's worth."

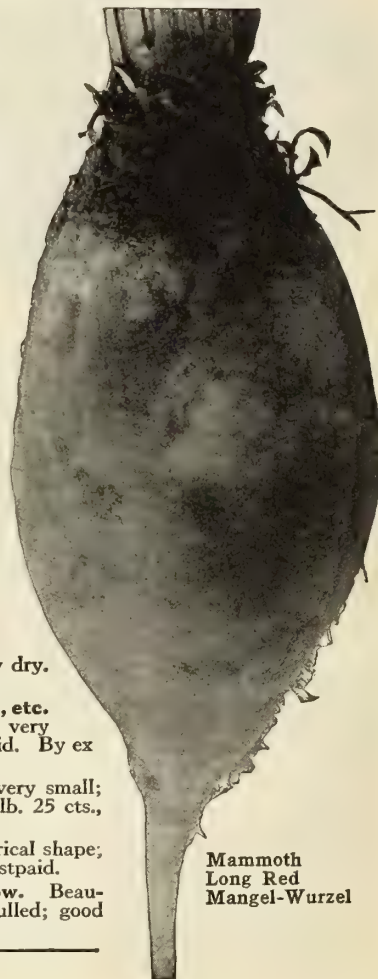
ROBERT HANSON, Pine County, Minn., writes: "Three years ago we sent for one of your dollar collections of vegetable seeds, and that is the only time we have had a good garden in the seven years we have been here."



Giant
Half-
Sugar
Beet



Golden
Tankard
Mangel-
Wurzel



Mammoth
Long Red
Mangel-Wurzel

Mangel-Wurzels

STOCK BEETS

An ever-increasing acreage is being planted to Stock Beets because of the wonderful results from feeding them. Sow in rows $2\frac{1}{2}$ to 3 feet apart as soon as the ground can be thoroughly worked. Cover seed about 1 inch, making ground firm over the seed. When 4 inches high, thin to 8 inches apart. Beets cannot stand being frozen, so should be harvested before cold weather sets in, and they may be buried in pits the same as potatoes or turnips, when roots are thoroughly dry.

Six pounds of seed sow 1 acre.

MAMMOTH LONG RED. Also called Norbiton Giant, Jumbo Mangel, Colossal, etc.

A favorite with the farmer and dairyman. Large; well-formed; dark-red color; very nutritious; a big cropper. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts., postpaid. By express, not prepaid, 5 lbs. \$2.50, 10 lbs. \$4.50.

GOLDEN TANKARD. Very productive and sweet; flesh yellow; tops and neck very small; easily pulled; especially relished by sheep and cows. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts., postpaid. By express, not prepaid, 5 lbs. \$2.50, 10 lbs. \$4.50.

YELLOW or ORANGE GLOBE. Very productive; easily pulled; fine keeper; spherical shape; orange-yellow skin and flesh. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 20 cts., lb. 65 cts., postpaid.

GOLDEN GIANT INTERMEDIATE. Yellow Leviathan, or Mammoth Yellow. Beautiful russet-yellow; skin smooth; flesh white, firm, sweet; productive; easily pulled; good keeper. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 20 cts., lb. 65 cts., postpaid.

Ask for prices on large lots of both Mangels and Sugar Beets



Weifftraut

Cabbage

Gol repollo

Cabbage requires deep, rich, mellow soil, high manuring, and good culture to obtain fine, solid heads. For early use, sow seeds of the early kinds in the hotbeds or in a box in the house the last of January or early in February; transplant into the open ground in April in rows 2 feet apart and 1½ feet apart in the row; or sow a bed of seed outside as soon as the soil can be worked; transplant in about four weeks. For second early Cabbage, sow in April and transplant in May. For late Cabbage, sow in May and transplant in July in rows 3 feet apart and 2 feet apart in the row. In transplanting, it is important that plants be set down to the first leaf, so that the stem may not be injured in case of frost. Be careful not to cover the heart of the plant. Hoe every week and stir soil deep. As they advance in growth draw a little earth to the plants until they begin to head. To prevent splitting or bursting, go frequently over the ground and push every cabbage that appears about to mature over sideways, which will break some of the roots and check its growth. To prevent attacks of the cabbage fly on small plants, dust thoroughly with plaster, air-slacked lime, or wood ashes.

For cabbage worm, use Hammond's Slug Shot.

One ounce of seed produces about 2,500 plants, 4 ounces enough plants to set an acre. Chinese Cabbage (Pe-Tsai), Celery-Cabbage, Odorless Cabbage, etc., see page 11.



The New Golden Acre Cabbage

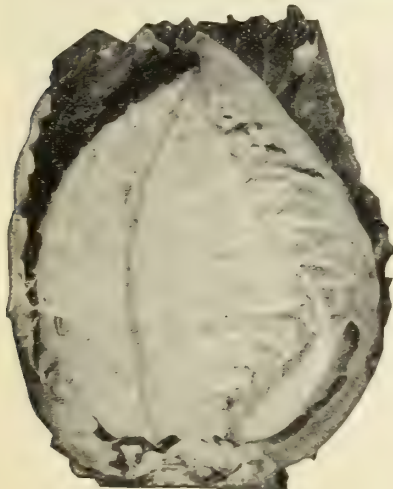
Copenhagen Market.

A splendid extra-early round-headed sort which matures as early as the Wakefields and is of larger size. Each plant forms a perfect, tightly folded head averaging 5 to 8 pounds in weight. The compact growth of the plant, the solidity of the head, its excellent flavor, and extreme earliness—all combine to make Copenhagen Market one of the most meritorious Cabbages. Pkt., 10 cts., ½oz. 25c., oz. 40c., ¼lb. \$1.30, lb. \$4.50, postpaid.



Copenhagen Market Cabbage

Mrs. SADIE S. CARTER, of Cherokee County, Kansas, writes as follows: "First installment of Cabbage seed was received and planted January 19. The 21st they were coming up nicely, the quickest germination we ever had. That's moving some, I think."



Early Jersey Wakefield Cabbage

give satisfaction that we contracted for a liberal amount to be grown for us, even if the price is pretty high. We know from our trial-ground tests of the past two years, that it is more distinct and uniform, and is ready to sell before any other sort. Pkt. 25 cts. ½oz. 35 cts., ½oz. 65 cts., oz. \$1.25, ¼lb. \$4.50, postpaid.

Early Jersey Wakefield. This variety should be grown in every garden.

Many market-gardeners consider this the very best early variety. Certainly deserving of its great popularity. Grown extensively for market and shipping. Its merits are many, among which are large heads for an early sort, small outside foliage and uniformity of crop. Pyramidal in shape having a blunted or rounded peak; very sweet. The seed we offer is from the very best growers and is sure to give satisfaction. Pkt. 10 cts., ½oz. 20 cts., oz. 30 cts., ¼lb. 85 cts., lb. \$3, postpaid.

Large Charleston Wakefield. A selection from Early Jersey Wakefield, only

it is about one week later than that popular early variety and grows larger heads, often averaging 8 to 10 pounds. Very solid and of fine quality. There are immense quantities grown in the South for northern markets. Pkt. 10 cts., ½oz. 15 cts., oz. 25 cts., ¼lb. 75 cts., lb. \$2.50, postpaid.

Mr. SIMON BROWN, Athens County, Ohio, writes: "I want to congratulate you for securing such high-grade Cabbage seed. My crop was a bummer and I am surely pleased with the outcome. In December, 1918, I bought some Copenhagen Cabbage so as to have everything ready for a good start in due time. Plants were ready for the field in early April and I planted some 10,000 strong, stocky plants. The week of June 11 to 17 I cut a ton of solid heads and by July 3 finished cutting the crop, at a time when the price was still good. A remarkable feature was the uniformity and true shape of the heads."



Livingston's True Blue Seeds

Cabbage, continued

EARLY WINNIGSTADT. Well-known and popular second-early Cabbage. Heads decidedly conical. Solid, even in summer; almost worm-proof, because so hard. A very sure header. Pkt. 5 cts., $\frac{1}{2}$ oz. 15 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50, postpaid.

All-Season (Vandergaw). An improved strain of Early Dwarf Flat Dutch. Heads very large, round, solid, and of fine quality, keeping as well as the winter sorts. Remarkable for its ability to stand hot sun and dry weather. If planted late—a choice winter sort. Pkt. 10 cts., $\frac{1}{2}$ oz. 20 cts., oz. 30 cts., $\frac{1}{4}$ lb. 85 cts., lb. \$3, postpaid.

FOTTLER'S SHORT-STEM BRUNSWICK. Has large, solid heads with few outside leaves; a fine medium-maturing sort. Heads flat, fine grained and sweet; stem quite short. Planted late, is a choice winter sort. This excellent variety has become very popular wherever planted. Pkt. 10 cts., $\frac{1}{2}$ oz. 15 cts., oz. 25 cts., $\frac{1}{4}$ lb. 80 cts., lb. \$2.75, postpaid.

EARLY DWARF FLAT DUTCH. Excellent second-early variety, producing fine large heads. Highly valued for its fine quality and ability to resist heat. Heads very solid, broad, round, flattened on top, tender and fine-grained. Pkt. 10c., $\frac{1}{2}$ oz. 20c., oz. 30c., $\frac{1}{4}$ lb. 85c., lb. \$3, postpaid.

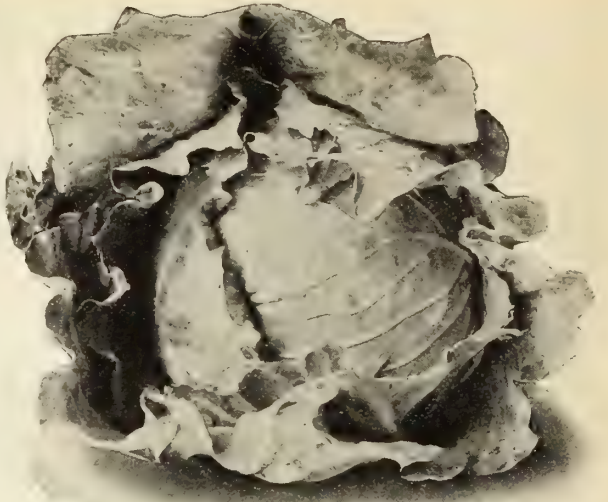
Danish Summer Ballhead. This variety matures between the Copenhagen Market and the Danish Ballhead, it being a mid-season or summer Cabbage, and of the true ballhead type. It is a fine, medium-sized variety of excellent quality. Pkt. 10 cts., $\frac{1}{2}$ oz. 20 cts., oz. 30 cts., $\frac{1}{4}$ lb. \$1, lb. \$3.50.

Surehead. Large, round, flattened heads, and is remarkable for its certainty to head; good keeper and shipper. It is very sweet flavored, has but few loose leaves. As a late sort for the kitchen garden, is unequalled. Pkt. 10 cts., $\frac{1}{2}$ oz. 20 cts., oz. 30 cts., $\frac{1}{4}$ lb. 85 cts., lb. \$3, postpaid.

J. M. GRAYBILL, Botetourt County, Va., writes as follows: We find your "True Blue" Garden Seeds very satisfactory and never fail to recommend them to our friends.

E. B. VANALLEN, Pasco County, Fla., writes: Your seeds came up fine; much pleased.

SAMUEL S. WHITE, of Porter County, Indiana, writes: Your Golden Acre Cabbage is a winner. I want more for 1924.



Glory of Enkhuizen Cabbage

Glory of Enkhuizen. A second-early of large size and very solid. Matures a few days later than Early Jersey Wakefield; of larger size and is quite round. A long-keeping sort. It is very dwarf and compact, allowing of close planting. Heads fine, ball-shaped. Size ideal for marketing. Pkt. 10 cts., $\frac{1}{2}$ oz. 20 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1.15, lb. \$4, postpaid.

SUCCESSION. About one week later than the Henderson's Early Summer, but nearly double the size, while it can be planted nearly as close, its outer leaves being unusually short. A very sure header. Heads deep and of excellent quality. Pkt. 5 cts., $\frac{1}{2}$ oz. 15 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50, postpaid.

W. P. STAHL, Miami County, Ohio, writes: Shipment of seed has arrived O. K. and in good condition. I thank you for your promptness.



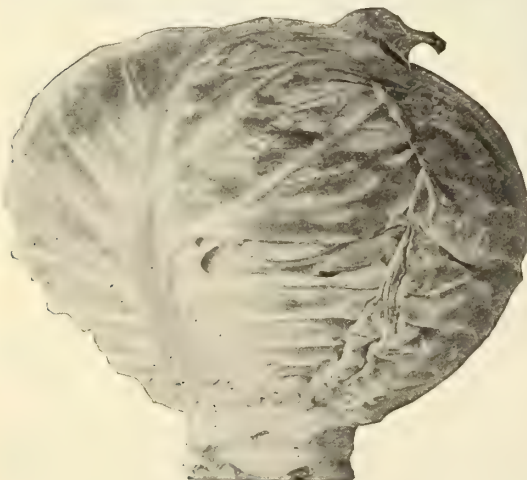
Allhead Early Cabbage

Allhead Early. Of remarkably uniform size and shape and sure-heading qualities. Deep, flat heads, solid and uniform in color. In tenderness unsurpassed. By reason of its compactness it may be planted closely. For winter use, sow in July. Pkt. 10 cts., $\frac{1}{2}$ oz. 20 cts., oz. 30 cts., $\frac{1}{4}$ lb. 85 cts., lb. \$3, postpaid.

Henderson's Early Summer. About 10 days later than the Early Jersey Wakefield, but fully double the size, may be classed with best large early Cabbages. Keeps long time without bursting. Heads round and flat. One of the best for the home-garden, and is used quite extensively in the South for shipping. Pkt. 10 cts., $\frac{1}{2}$ oz. 15 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50, postpaid.

The Volga (No. 20). This variety is of the greatest uniformity. In a field of several acres frequently not a single plant shows any variation from a true and valuable type. The heads are about equal in size and shape, weighing from 12 to 15 pounds each, round as a ball, the largest measuring about 12 inches in diameter either way. Heads very solid; the flesh is exceedingly firm, tender, and white. Extremely hardy and matures somewhat earlier than our late-growing kinds. Pkt. 10 cts., $\frac{1}{2}$ oz. 20 cts., oz. 30 cts., $\frac{1}{4}$ lb. 90 cts., lb. \$3.25, postpaid.

R. O. STOUGH, Sebastian County, Arkansas, writes: Have you any of the Golden Acre Cabbage seed left over from spring stock? I was very much pleased with my Golden Acre and also the New Livingston's Rosy Morn—in fact, they were both exceptional. I will increase my plantings of both another year.



The Volga Cabbage

If Cabbage seed is wanted in larger quantity than quoted herein, ask for our Special Wholesale Prices



Danish Ballhead Short-Stem Cabbage

Danish Ballhead Short-Stem. (Holland-
der, German Export, Dutch Winter.) This
splendid variety is well known for its re-
markable solidity and grand keeping quali-
ties. The heads are very heavy and superb in
quality, and the extra weight, in limited
space, will be appreciated by those who grow
for distant markets, ship in carloads and sell
by weight. Pkt. 10 cts., $\frac{1}{2}$ oz. 20 cts., oz.
30 cts., $\frac{1}{4}$ lb. \$1, lb. \$3.50, postpaid.

Danish Ballhead Tall-Stem. The
head is quite similar to the above, but has a
taller stem, and a little more outer foliage.
Splendid keeper. Stands hot weather re-
markably well. Pkt. 10 cts., $\frac{1}{2}$ oz. 20 cts.,
oz. 30 cts., $\frac{1}{4}$ lb. \$1, lb. \$3.50, postpaid

Chinese Cabbage

Also known as "Celery Cabbage," "Odorless
Cabbage," "Chinese Lettuce," etc.

It is a species of Cabbage with a fine delicate
flavor, as tender as head lettuce, and in great
demand for numerous dishes, such as salads
and cold slaw, or it may be cooked quickly.
The culture, storing for winter, etc., are same
as for late Cabbage. Our experience is that
Chinese Cabbage cannot be grown successfully
as a spring crop. For fall crop, seed should be
sown early in August. We offer three varieties.

PE-TSAI. Produces a long, slender very solid
head, often measuring 20 inches in length;
outer leaves light green, inside is of a beau-
tiful creamy yellow. Pkt. 10 cts., $\frac{1}{2}$ oz. 15c.,
oz. 25 cts., $\frac{1}{4}$ lb. 80 cts., lb. \$2.75, postpaid.

WONG BOK. The heads of this sort are shorter and of greater diameter than the above and
average heavier. Wong Bok has beautifully curled leaves of fine quality and is a sure
header. Pkt. 10 cts., $\frac{1}{2}$ oz. 20 cts., oz. 30 cts., $\frac{1}{4}$ lb. \$1, lb. \$3.50, postpaid.

CHIHILI. This variety, in our trial-grounds, runs very true to type and is less liable to run
to seed than other sorts. Length of head is about 16 inches. Outer leaves dark bluish
green, while the inside is creamy white and of fine quality. Pkt. 15 cts., $\frac{1}{2}$ oz. 35 cts.,
oz. 60 cts.

Red Cabbage

Danish Ironball. As round as a ball and as hard as iron—these are the two leading
characteristics of this splendid sort. Heads grow to a large size,
averaging 8 inches in diameter, of rich purplish color throughout. Pkt. 10 cts., $\frac{1}{2}$ oz. 20
cts., oz. 30 cts., $\frac{1}{4}$ lb. \$1, lb. \$3.50, postpaid.

MAMMOTH ROCK RED. Heads as large as Late Flat Dutch; deep red to center. Highly recom-
mended. Hard as a rock. Pkt. 10 cts., $\frac{1}{2}$ oz. 20 cts., oz. 30 cts., $\frac{1}{4}$ lb. 85 cts., lb. \$3, postpaid.

MISS MARY O. ADAIR, Scioto County, Ohio, writes as follows: We tried your *Yellows-Resistant*
Cabbage and find it a success. Are now going to try the *Blight-proof Tomato* though we think none
equal to the *Globe*.

Cabbage, continued

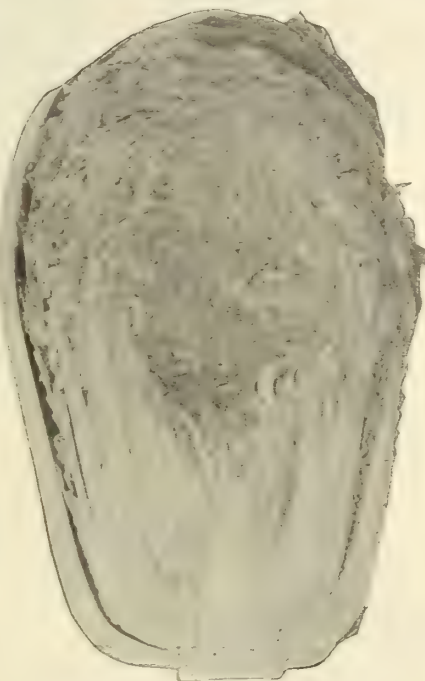
Livingston's Premium Flat Dutch. Produces many tons to the acre,
because of its solidity and com-
pact manner of growth; is solid to the heart. Our strain has no superior. The
heads are large, white, crisp, tender, and sure to head. Grown largely
for kraut-making in the autumn. Pkt. 10 cts., $\frac{1}{2}$ oz. 20 cts., oz. 30 cts., $\frac{1}{4}$ lb.
85 cts., lb. \$3, postpaid.

Livingston's Ideal Winter. A few days earlier than Livingston's
Premium Flat Dutch. The large, solid
heads, the short stems, the absence of useless foliage, uniformity of size and
shape, reliability for heading and extra-fine texture and quality all combine
to make this the **ideal Cabbage for late crop**. Pkt. 10 cts., $\frac{1}{2}$ oz. 20 cts.,
oz. 30 cts., $\frac{1}{4}$ lb. 85 cts., lb. \$3, postpaid.

Livingston's American Ballhead. Our stock of this variety comes
from an American grower of high-
grade Cabbage seeds, of more than thirty years' experience. He says of it,
"We believe it to be a considerably better strain than any in current use in the
trade." Market gardeners who are familiar with the Danish Ballhead type of
Cabbage should try this alongside of other strains. Pkt. 10 cts., $\frac{1}{2}$ oz. 20 cts.,
oz. 35 cts., $\frac{1}{4}$ lb. \$1, lb. \$3.50.

Yellows-Resistant Hollander. This is a strain of Hollander, or Danish
Ballhead, which originated in Wisconsin
where the disease known as "yellows" is very destructive. It should be used
where this disease is prevalent. Pkt. 10c., $\frac{1}{2}$ oz. 25c., oz. 45c., $\frac{1}{4}$ lb. \$1.50, ppd.

Autumn King, or WORLD BEATER. One of the finest strains of late
Cabbage. It produces regularly, even heads of large size;
is a great cropper of fine
quality. Pkt. 10 cts., $\frac{1}{2}$ oz.
20 cts., oz. 30 cts., $\frac{1}{4}$ lb.
85 cts., lb. \$3, postpaid.



Chinese Cabbage, Wong Bok

Savoy Cabbage

The Savoy or Curly Cab-
bages are of exceptionally
fine flavor and quality, and
should be more generally
cultivated. They are par-
ticularly adapted for private
use, where quality rather
than quantity is considered.
Most delicious after frost.

IMPROVED AMERICAN SAVOY. Heads large and
finely curled; short stalk; a
compact grower; sure
header; keeps well. Best
for main crop. Especially
fine American-grown stock.
Pkt. 10 cts., $\frac{1}{2}$ oz. 20 cts.,
oz. 30 cts., $\frac{1}{4}$ lb. \$1, lb.
\$3.50, postpaid.

SMALL EARLY SAVOY.
Best Early Dwarf Savoy.
Heads firm, solid, and
beautifully crimped; finest
quality. Pkt. 10 cts., $\frac{1}{2}$ oz.
20 cts., oz. 30 cts., $\frac{1}{4}$ lb.
\$1, lb. \$3.50, postpaid.



Danish Ironball Red
Cabbage



Cauliflower

Blumentohl Coliflor

Cauliflowers delight in a rich, moist soil, and in dry seasons should be abundantly watered, especially when heading. Sow the seed in the hotbed in January or February and transplant the plants 2 or 3 inches apart in boxes, or in another hotbed, until such time as they are safe to be planted in the open ground. Set the plants in the field 2 feet by 15 inches apart. If properly hardened off, they are seldom injured by being planted out too early. When heading, tie the outside leaves loosely over the head to protect it from the sun.

One ounce produces from 1 500 to 2,000 plants.

Dry-Weather.

Also known as **Danish Giant** and **Gilt-Edge**. This is a fine, large, heavy variety that matures about a week later than Livingston's Earliest Cauliflower. It is especially adapted for growing in dry localities on account of its large leaves which furnish greater protection to the heads. Pkt. 25 cts., $\frac{1}{4}$ oz. 75 cts., $\frac{1}{2}$ oz. \$1.40, oz. \$2.75, $\frac{1}{4}$ lb. \$10.

Livingston's Earliest.

Our grower in Denmark spares no pains or expense with this stock. For wintering in coldframes for early, it cannot be excelled, and it does equally well for a fall crop if planted late and treated the same as late cabbage. Livingston's Earliest Cauliflower should take the place of many of the late varieties on account of its fine texture, pure white heads, and large uniform size. A most compact grower and a sure header. Price, under our "True Blue" Seal, pkt. 25 cts., $\frac{1}{4}$ oz. 80 cts., $\frac{1}{2}$ oz. \$1.50, oz. \$2.85, $\frac{1}{4}$ lb. \$10.25.

EXTRA-EARLY DWARF ERFURT. Dwarf habit, compact growth; short outside leaves. Can be planted 20 inches apart. Similar to Livingston's Earliest. Pkt. 25 cts., $\frac{1}{4}$ oz. 75 cts., $\frac{1}{2}$ oz. \$1.40, oz. \$2.75, $\frac{1}{4}$ lb. \$10.

LARGE LATE ALGIERS. Popular with canners and market-gardeners. Ample foliage protects the large heads well, which remain fit for use a long time. Pkt. 15 cts., $\frac{1}{2}$ oz. 35 cts., oz. 65 cts., $\frac{1}{4}$ lb. \$1.50, lb. \$5.50, postpaid.

Cress, or Pepper Grass

Rette Berro

A well-known, pungent salad; can be used alone or with lettuce. Requires to be sown thickly, at frequent intervals, covering very lightly, to keep up a succession, as it soon runs to seed.

EXTRA-CURLED PEPPER GRASS. May be cut two or three times. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1, ppd.

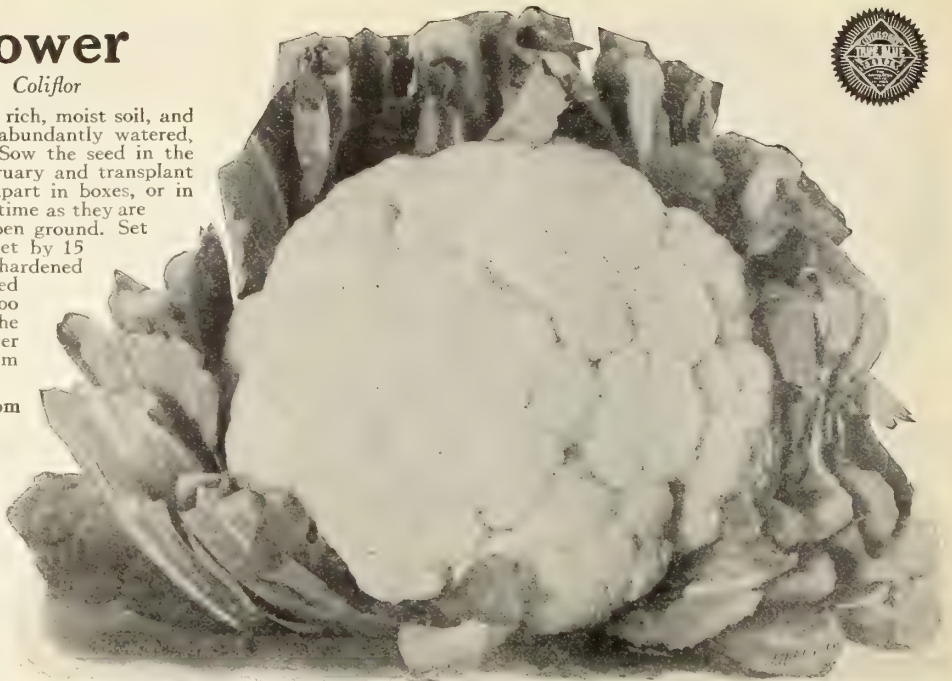
TRUE WATER. Well-known hardy perennial aquatic plant. Is easily grown along margins of ponds and streams where it increases both by spreading of roots and seeding. Has a pleasant, pungent flavor. Growing Water Cress should prove a profitable enterprise where the conditions are favorable. Pkt. 10 cts., $\frac{1}{2}$ oz. 35 cts., oz. 60 cts.

UPLAND. This is a hardy perennial; stays green nearly the whole year; ready for use in the spring before any other salad. Eaten like lettuce or boiled like spinach. Sow in April in rows 1 foot apart. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 65 cts.

Collards

A plant of the cabbage family. It is well adapted to the South, enduring extreme heat; excellent for greens.

TRUE SOUTHERN, or GEORGIA. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., postpaid.



Livingston's Earliest Cauliflower

Livingston's Greenhouse Forcer.

A selection from Extra-Early Dwarf Erfurt, but having shorter leaves. It is equally sure to head and produces heads of about the same size. The small leafage is desirable in greenhouse culture as it permits closer planting and therefore more heads to a given space. Heads are creamy white and of fine texture and flavor. Pkt. 25 cts., $\frac{1}{4}$ oz. 75 cts., $\frac{1}{2}$ oz. \$1.40, oz. \$2.75, $\frac{1}{4}$ lb. \$10.

Henderson's Early Snowball.

A very fine medium-early sort, and if plants are started late it does equally well as a late crop. Heads of medium size, compact, and very white. Has few short, upright leaves. A very sure header. Pkt. 25 cts., $\frac{1}{4}$ oz. 75 cts., $\frac{1}{2}$ oz. \$1.40, oz. \$2.75, $\frac{1}{4}$ lb. \$10.

Mr. and Mrs. MARTIN M. VAN DEUSEN, Medina County, Ohio, write: Received our seed all O. K. and we are well satisfied. Our heartiest congratulations are extended to the Livingston's Seed Co. for their promptness and accuracy during our acquaintance.

Chicory

Sow the seed in June in open ground, in rows 12 to 14 inches apart, keeping free from weeds; water if necessary. Take up the roots in November and cut off top to about 2 $\frac{1}{4}$ inches from the neck and shorten lower end to a uniform length of 8 to 10 inches. Prepare a trench 16 to 18 inches deep and place roots upright, 1 $\frac{1}{2}$ inches apart. Fill in level with good, light soil and any portion may be forced by covering with 1 $\frac{1}{2}$ feet of manure. In four to five weeks the heads will be ready for use. The blanched head is the edible portion and is generally eaten raw as a salad.

WITLOOF (French Endive). A delicious winter salad, eaten usually with French dressing, like lettuce. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 65 cts., lb. \$2, postpaid.

Corn Salad, or Fetticus

A vegetable used as a salad. Sow at the first opening of spring for summer use in rows 1 foot apart, and it is fit for use in six to eight weeks.

LARGE-LEAVED. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 65 cts., lb. \$2, postpaid.

MISS MARY VAUDEPLAS, Bay County, Michigan, writes: We are pleased with the seed we received from you in the past.



Improved
Chantenay
Carrot

Half-Long
Danvers
Carrot

Worben

Carrots

Zanaborias

Sow in early spring in drills 15 to 18 inches apart, finally thinning the plants to 3 to 4 inches. If sown early on a moist soil, a half-inch is deep enough to cover the seed. The seed is slow to germinate. Keep clean by frequent hoeing and weeding. If neglected, the young plants are easily smothered, and the crop is lost.

One ounce sows 100 feet of drill; 4 pounds sow one acre

For Table Use

Improved Chantenay. (See illustration.) A popular and profitable sort to raise for city markets. It is about 6 inches long, thick through, and decidedly stump-rooted. In size it is between the Oxheart and Danvers. The flesh is a deep orange-red, fine-grained, and of an excellent flavor. It is very early and always produces smooth, shapely roots. Its fine appearance finds for it a ready market; its splendid table qualities keep it in demand. Our strain of seed is unsurpassed. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50, postpaid.

Oxheart, or GUERANDE. Intermediate length; is 3 to 5 inches in diameter; quality extra good. Some sorts require digging but the Oxheart can be easily pulled. It is especially adapted to shallow soils where the longer sorts would not thrive as well. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.25, postpaid.

NANTES HALF-LONG (Stump-rooted). Sweet and fine flavored; almost without a core; very fine grained; excellent for the

home-garden or market. One of the finest in quality and handsomest in shape of the medium-sized sorts; about 6 inches long. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.25, postpaid.

EARLY FRENCH FORCING, or GOLDEN BALL. The earliest almost-round variety, much used for first early forcing in hot-beds. Color reddish orange, and bunches very nicely; used largely for market as well as kitchen-garden. Quality the best. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., postpaid.

EARLY SCARLET HORN. For forcing and early garden use; flesh deep orange, fine grained; agreeable flavor; small top stump-rooted; about 3 inches long. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., postpaid.

Improved Danvers (Half-Long). (See illustration.) The best for general crop. Will yield the most per acre. Most profitable for market-gardeners; stump-rooted. It is grown largely everywhere on account of its productiveness and adaptability to all classes of soils. Tops medium size, roots deep orange, large, but of medium length, tapering uniformly to a blunt point. Smooth and handsome flesh; sweet, crisp and tender. Although of medium length, it is one of the largest yielders, and while this is one of the leading table sorts, it is also used a great deal for stock feeding. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50, postpaid.

Improved Long Orange. The standard late variety; very handsome and uniform in shape; roots are of deep orange color, good flavor; yields very heavily. Requires a deep soil. Plants should stand 6 inches apart in drills $1\frac{1}{2}$ feet apart for roots to attain their full size. The roots are smooth, fine-grained and very large, growing to 1 foot in length and 3 inches in diameter. For feeding cows it is very valuable, as it increases the flow of milk and imparts to the butter a rich golden hue. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1, postpaid.

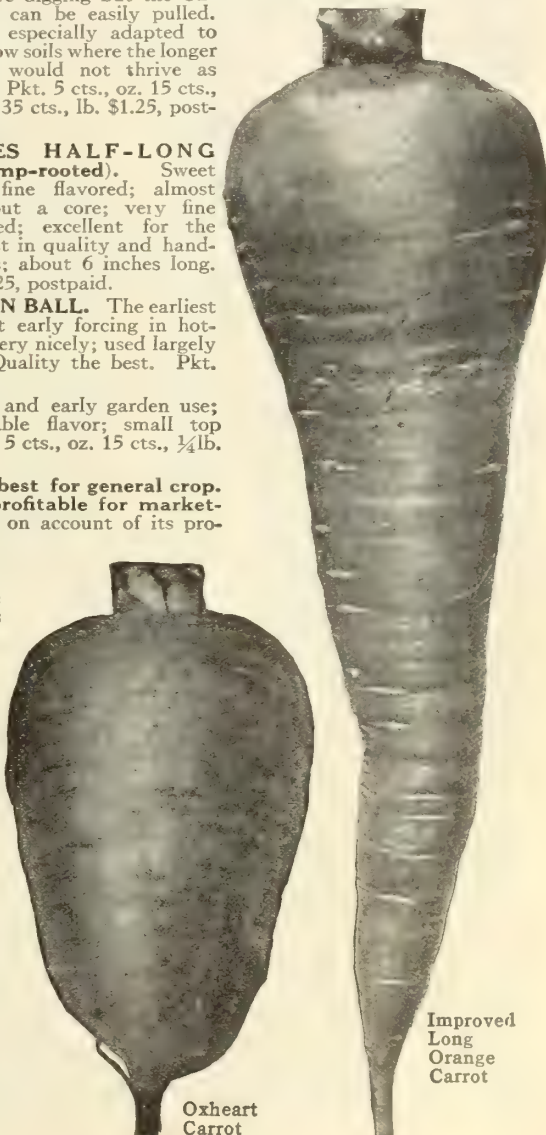
For Stock Feeding

Too much cannot be said in praise of the Carrot as a wholesome addition to the winter feed for stock, apart from its great value as a vegetable for table use. The splendid roots make a most desirable change of feed for your cattle when given in connection with grain and dry fodder. Plant plenty of Carrots for all purposes.

IMPROVED SHORT WHITE. Very large, half-long roots; 7 to 9 inches long; nearly white. It is the heaviest cropper known. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts., postpaid.

LARGE WHITE BELGIAN. A heavy cropping sort, growing about 12 to 16 inches in length; white below the ground, green above. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts., postpaid.

Special prices on Carrot seed in quantity



Oxheart
Carrot

Improved
Long
Orange
Carrot



Livingston's True Blue Seeds

Corn, Sweet or Sugar

Speise Mais Maiz dulce

The Sweet or Sugar Corn varieties, being liable to rot in cold or wet ground should not be planted until May or when the soil has become warm and dry. For a full supply for the table during the entire season, plant every ten days or two weeks until the last week in July, in hills 2 by 3 feet apart for the early kinds, and 3 by 3 feet for the large late sorts, using four or five grains to the hill. Give frequent and thorough cultivation all the season. A pound of Sweet Corn contains about 2,000 grains.

Twelve to 16 pounds will plant an acre

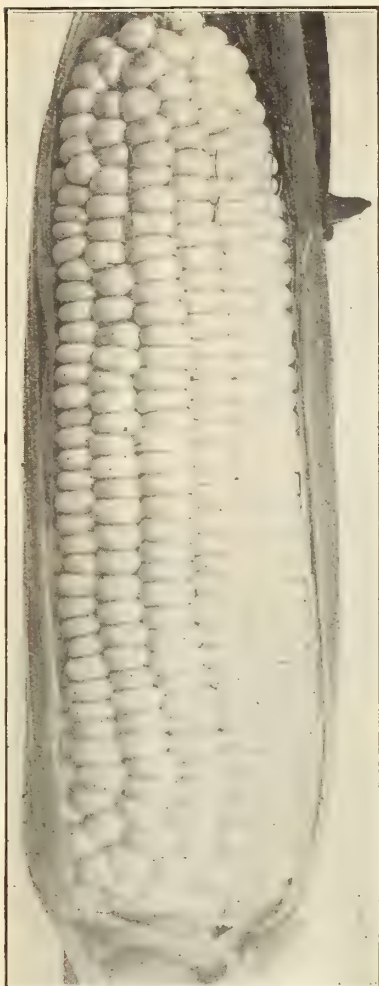
SWEET CORN PRICES in quantities up to and including 2 pounds include prepayment of postage. If the larger quantities are wanted sent by mail, it will be necessary to remit additional amount at the parcel post rates. Refer to page 10 for rates. Ask for wholesale price on large lots.

Early Dighton. This new variety is the earliest of all white Sweet Corns, even earlier than the Extra-Early Adams. The stalks are 3 to 4 feet high, with the ear set low down on the stalk. Ears are 6 to 7 inches in length and most all carry 8 rows of grains. The quality is very good for so early a sort. Pkt. 10 cts., 1/2 lb. 20 cts., lb. 30 cts., 2 lbs. 50 cts., postpaid. By express, not prepaid, 6 lbs. \$1.20, 12 lbs. \$2.

EARLY MAYFLOWER. Popular in eastern states, as it is the earliest real Sweet Corn of good size. Matures earlier than White-Cob Cory. Ears 5 inches long, with 10 and 12 rows of pure white, sweet grains. Pkt. 10 cts., 1/2 lb. 20 cts., lb. 30 cts., 2 lbs. 55 cts., postpaid. By express, not prepaid, 6 lbs. \$1.30, 12 lbs. \$2.25.

MAMMOTH WHITE CORY. Extra early, with ears about 7 inches in length. Cob and kernel pure white. Best Extra Early Market variety. Pkt. 10 cts., 1/2 lb. 20 cts., lb. 30 cts., 2 lbs. 50 cts., postpaid. By express, not prepaid, 6 lbs. \$1.20, 12 lbs. \$2.

EXTRA-EARLY PREMO. Can be planted very early on account of its hardiness. Grows 5 feet high, very vigorous, bearing two ears to the stalk. Ears 8-rowed and of fair size. Pkt. 10 cts., 1/2 lb. 20 cts., lb. 30 cts., 2 lbs. 55 cts., postpaid. By express, not prepaid, 6 lbs. \$1.30, 12 lbs. \$2.25.



Whipple's Early White

Whipple's Early White. (See illustration.) Of the narrow-grained Evergreen type, but ready for use much earlier. Ears 8 to 9 inches long, 16 to 18 rows of pearly white grains. The chief distinction of this variety is that it is by far the earliest of the deep narrow-grained Evergreen types and has a larger sugar content. Pkt. 15 cts., 1/2 lb. 25 cts., lb. 45 cts., 2 lbs. 75 cts., postpaid. By express, not prepaid, 6 lbs. \$1.75, 12 lbs. \$3.25.

Columbus Market. The ears carry an average of 16 rows of fine, large, deep, white and very sweet grains, which are second to none in tenderness and flavor. The stalk is very strong, sturdy, and of only medium height; the leaves broad and dark green in color, a habit of growth which gives it great endurance during a dry time. Especially adapted for mid-season market; also **very desirable for the home garden.** Pkt. 10 cts., 1/2 lb. 25 cts., lb. 35 cts., 2 lbs. 60 cts., postpaid. By express, not prepaid, 6 lbs. \$1.50, 12 lbs. \$2.75.

KENDEL'S EARLY GIANT. Ears large, 8 to 9 inches long, with 10 or more rows of plump and purest white kernels of delicious flavor. Pkt. 10 cts., 1/2 lb. 20 cts., lb. 30 cts., 2 lbs. 50 cts., postpaid. By express, not prepaid, 6 lbs. \$1.15, 12 lbs. \$2.

HOWLING MOB. One of the best-flavored and tender of all medium-early white Sweet Corn. The ears are 7 to 8 inches long, with 12 to 14 rows of pure white grains. Very productive. Pkt. 10 cts., 1/2 lb. 20 cts., lb. 30 cts., 2 lbs. 55 cts., postpaid. By express, not prepaid, 6 lbs. \$1.30, 12 lbs. \$2.25.

Livingston's Early Sugar. A distinct and valuable addition to the early Sweet Corns. As compared with other good early sorts, it has bigger ears with more even rows which are filled well to the tip. Ears average 8 inches long by 2 1/4 inches in diameter, have from 10 to 12 rows of deep, broad, pearly white kernels of delightfully sweet flavor which is not surpassed by any other early kind. Sixty per cent of the stalks carry two well-developed ears which are usually placed from 2 to 3 feet above ground. A remarkable characteristic of Livingston's Early Sugar is the exceptionally strong husk which protects the ears from ravages of insects. Pkt. 10c., 1/2 lb. 20c., lb. 30c., 2 lbs. 55 cts., postpaid. By express, not prepaid, 6 lbs. \$1.25, 12 lbs. \$2.15.



Livingston's Early Sugar Corn

Ask for special prices on larger quantities



Corn, Sweet or Sugar, continued

EARLY EVERGREEN. An early strain of Evergreen. The ears grow to a good size, usually about 7 inches long, and contain 16 to 18 rows of deep, sweet grains. Pkt. 10 cts., $\frac{1}{2}$ lb. 20 cts., lb. 30 cts., 2 lbs. 55 cts., postpaid. By express, not prepaid, 6 lbs. \$1.30, 12 lbs. \$2.25.

STOWELL'S EVERGREEN. A favorite with canners and market-gardeners for late use, and especially for the kitchen-garden. Ears large, kernels very deep, tender and of most delicious sweetness. Pkt. 10 cts., $\frac{1}{2}$ lb. 20 cts., lb. 30 cts., 2 lbs. 55 cts., postpaid. By express, not prepaid, 6 lbs. \$1.30, 12 lbs. \$2.25.

WHITE EVERGREEN. The ears are uniformly very large and well filled. When in the green state both cob and kernel are white as snow. Pkt. 10 cts., $\frac{1}{2}$ lb. 25 cts., lb. 35 cts., 2 lbs. 60 cts., postpaid. By express, not prepaid, 6 lbs. \$1.40, 12 lbs. \$2.50.

NARROW-GRAINED EVERGREEN. A selection of Stowell's Evergreen, retaining its large size and productiveness and adding the delicious sweetness of Country Gentleman. A large, medium late sort. Pkt. 10 cts., $\frac{1}{2}$ lb. 20 cts., lb. 30 cts., 2 lbs. 55 cts., postpaid. By express, not prepaid, 6 lbs. \$1.30, 12 lbs. \$2.25.

COUNTRY GENTLEMAN. One of the richest flavored of all the late varieties. The plump, pearly white kernels are of great depth. Ears average 7 inches long by 2 inches in diameter. Pkt. 10 cts., $\frac{1}{2}$ lb. 20 cts., lb. 30 cts., 2 lbs. 55 cts., postpaid. By express, not prepaid, 6 lbs. \$1.30, 12 lbs. \$2.25.

LIVINGSTON'S BROAD-GRAINED. For a number of years this variety has been closely selected to produce the broadest possible grains, and at the same time to retain its depth of grain and splendid quality. The ears are of 8-rowed type and 7 to 8 inches long. It matures very soon after the extra-early varieties. Pkt. 10 cts., $\frac{1}{2}$ lb. 20 cts., lb. 25 cts., 2 lbs. 40 cts., postpaid. By express, not prepaid, 6 lbs. 90 cts., 12 lbs. \$1.60.

MAMMOTH LATE SUGAR. Produces larger ears than any other Sugar Corn, and of good quality; a rich and very sweet late variety. Pkt. 10 cts., $\frac{1}{2}$ lb. 20 cts., lb. 25 cts., 2 lbs. 50 cts., postpaid. By express, not prepaid, 6 lbs. \$1, 12 lbs. \$1.75.

BLACK MEXICAN. One of the sweetest varieties. Pkt. 10 cts., $\frac{1}{2}$ lb. 20 cts., lb. 30 cts., 2 lbs. 55 cts., postpaid.

Yellow or Golden Sorts

BARDEN'S WONDER BANTAM. A new variety of the same type, season, and quality as Golden Bantam, but having a longer ear. The stalks grow from 5 to 6 feet high and have ears 8 to 10 inches long, filled with 8 rows of rich golden kernels. It is a variety that will appeal to the critical market or home gardener who has been looking for a Bantam Corn that will produce more tonnage per acre and yet have Golden Bantam quality. Pkt. 15 cts., $\frac{1}{2}$ lb. 30 cts., lb. 45 cts., 2 lbs. 85 cts., postpaid. By express, not prepaid, 6 lbs. \$2.25, 12 lbs. \$4.

Golden Bantam. One of the finest in quality. Ears are about 6 inches long, 8-rowed, filled with broad, sweet, golden yellow kernels of a delightful flavor. It is always good, whether planted in spring or summer. Pkt. 10 cts., $\frac{1}{2}$ lb. 20 cts., lb. 30 cts., 2 lbs. 50 cts., postpaid. By express, not prepaid, 6 lbs. \$1.15, 12 lbs. \$2.

GOLDEN GIANT. A little later than Golden Bantam but is larger and of good quality. Color light yellow. Pkt. 10 cts., $\frac{1}{2}$ lb. 20 cts., lb. 30 cts., 2 lbs. 55 cts., postpaid. By express, not prepaid, 6 lbs. \$1.30, 12 lbs. \$2.25.

GOLDEN CREAM. A Golden Country Gentleman. In the Golden Cream we have the Golden Bantam and Country Gentleman united, retaining all the sweetness and fine flavor of both; color light yellow; later than Golden Bantam. Pkt. 10 cts., $\frac{1}{2}$ lb. 20 cts., lb. 30 cts., 2 lbs. 50 cts., postpaid. By express, not prepaid, 6 lbs. \$1.15, 12 lbs. \$2.

BANTAM EVERGREEN. A Golden Evergreen. A cross of Golden Bantam and Stowell's Evergreen. Comes in just right in season to follow the first early sorts. Color a rich golden yellow. Ears about 8 inches long. Pkt. 10c., $\frac{1}{2}$ lb. 20c., lb. 30c., 2 lbs. 55c., postpaid. By express, not prepaid, 6 lbs. \$1.30, 12 lbs. \$2.25.

WHIPPLE'S EARLY YELLOW. The introducer of this new variety states that it is not only double the size of Golden Bantam but it is three to five days earlier and is of fine quality. The ear is 7 to 8 inches long and carries 12 to 16 rows of large kernels (see illustration). Stalks are quite tall and often produce two ears. The stock we offer is direct from the originator. Pkt. 15 cts., $\frac{1}{2}$ lb. 25 cts., lb. 45 cts., 2 lbs. 80 cts., postpaid.

Pop Corn

LIVINGSTON'S TOM-THUMB or JAPANESE HULLESS. In this variety we have a dwarf-growing Corn, a heavy yielder of attractive ears, peculiar in form. The ears are short and thick, and uniform. Of a pearly white and the grain is of excellent popping quality and flavor after being popped. Pkt. 10 cts., $\frac{1}{2}$ lb. 20 cts., lb. 30 cts., 2 lbs. 50 cts., postpaid. By express, not prepaid, 3 lbs. 60 cts., 5 lbs. 90 cts., 25 lbs. \$4.

SELECTED WHITE RICE. Our stock of this variety is choice, having been selected very carefully for many years. Very productive, excellent quality; very crisp and delicious. Pkt. 10 cts., $\frac{1}{2}$ lb. 15 cts., lb. 20 cts., 2 lbs. 35 cts., postpaid. By express or freight, not prepaid, 3 lbs. 50 cts., 5 lbs. 80 cts., 25 lbs. \$3.50.



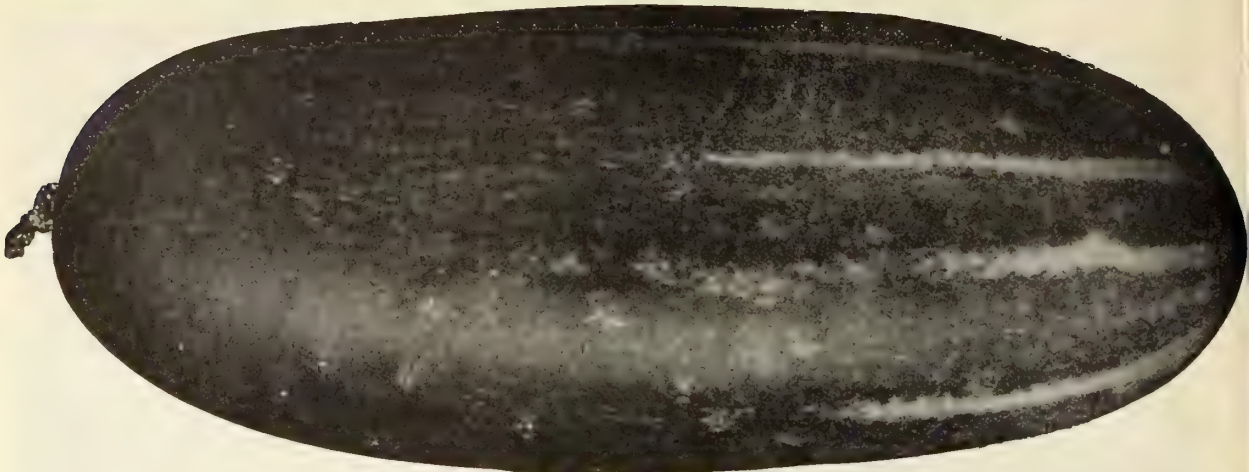
Whipple's Early Yellow



Barden's Wonder Bantam



Livingston's True Blue Seeds



Livingston's Extra-Early White Spine Cucumber

Cucumbers

How to Grow Cucumbers.—Cucumbers require rich, sandy soil, but do quite well in almost any good garden soil, especially if some fertilizer is mixed in where the hills occur.

As soon as the weather has become settled and warm, plant in hills 4 to 6 feet apart each way, with 8 to 10 seeds in a hill; cover one-half an inch deep, smoothing the hill off with the hoe. When the plants are out of danger of insects, thin out to three or four plants to a hill. The seed may also be sown in rows 6 feet apart, with the seed every few inches in the row, thinning out when plants are large enough to withstand the bugs. For pickles, plant from June 1 to August 1. The fruit should be gathered when large enough for pickling, whether required for use or not, as, if left to ripen on the vines, it destroys their productiveness.

One ounce of seed will plant about 50 hills; 1 to 2 pounds to the acre

EARLIEST OF ALL. An extra-early, prolific, desirable White Spine much in favor in the South for early shipment to northern markets. Fruit very full and uniform, tapering slightly but abruptly at both ends; color a good deep green. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.15, postpaid.

Early Fortune. A fine variety of White Spine type. The fruit is of uniform size and shape and is of very firm texture, thus permitting long-distance shipping. Popular in South. The skin, which is dark green, holds its color remarkably well and therefore remains in slicing condition longer than some of the other standard sorts. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.40, postpaid.

Livingston's Extra-Early White Spine. Private strain we have had for many years, and it is the most thoroughbred, uniform and shapely variety of White Spine known, not only for first early, but for general crop as well. Excels in earliness. Vines are vigorous growers. The very best for slicing, and make choice pickles; straight and smooth. A great bearer; keeps green much longer than the yellow varieties; no sort excels it in crispness and flavor. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.40, postpaid.

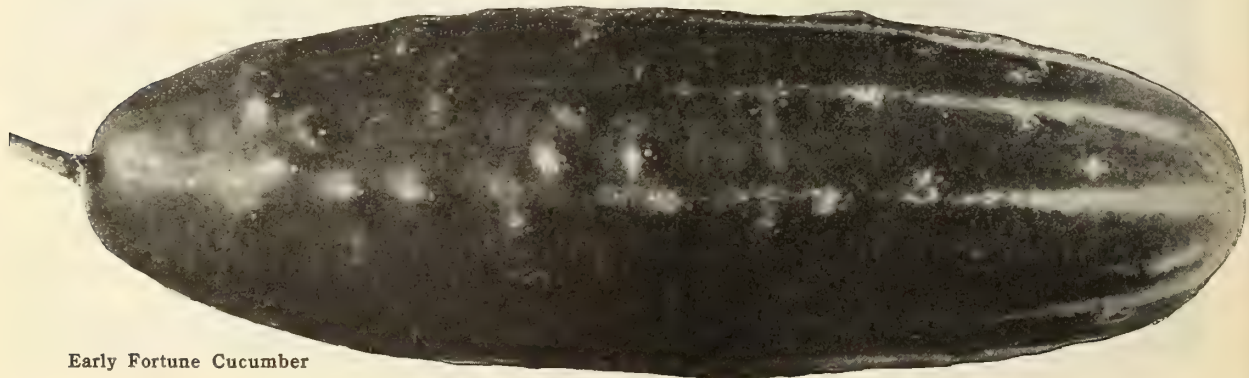
Ask for our Cucumber prices in large quantities

Livingston's Evergreen Pickling. Introduced by us in 1890. Generally admitted to possess every qualification required in a perfect pickling Cucumber. Exceptionally productive. One grower says it bears "four to one," compared with many standard sorts. It is a very strong grower, extra-early, and bears firm, crisp, evergreen fruits, which are excellent for slicing also. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.40, postpaid.

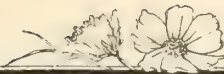
ARLINGTON IMPROVED WHITE SPINE. One of the earliest and very productive. Fruit quite uniform; about 7 inches long and well rounded at both ends; of bright green color. Used for early slicing and when planted late it produces good pickles. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 35c., lb. \$1.25, ppd.

EXTRA-LONG, or EVERGREEN WHITE SPINE. Averages longer than other strains. Extra-fine shape and quality; makes a good pickle, used extensively for growing under glass. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.25, ppd.

IMPROVED LONG GREEN. The vines are very strong growing and productive. The fruits are quite long, averaging 10 to 12 inches in length, and dark green in color. This sort is very popular both as a slicer and for pickles. One of the best general-purpose Cucumbers. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.40, postpaid.



Early Fortune Cucumber



Davis Perfect Cucumber

Cucumbers, continued

Davis Perfect. By using this variety gardeners can produce Cucumbers outdoors that will sell in the market for hothouse forcing varieties. The shape is ideal, tapering at both ends, as shown in our illustration. It is almost seedless, and the few seeds when in eating condition are so small and tender that they are hardly noticeable. Most important of all, it does not lose its dark, rich color when grown outdoors. Grows a fine pickle. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.40, postpaid.

WESTERFIELD CHICAGO PICKLING. Popular with Chicago gardeners. Medium length, slightly pointed at ends; large; prominent spines; deep green. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.25, postpaid.

GREEN PROLIFIC, or BOSTON PICKLING. Of uniform growth, seldom too large for pickling; produces fine, short, green pickles, and is immensely productive. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.40, postpaid.

JERSEY PICKLING. Intermediate between Long and Short Green. Long, slender, cylindrical; crisp and tender. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.25, postpaid.

GHERKINS (True West India). Used only for pickles. Fruits small, oval, about 2 by $1\frac{1}{4}$ inches, covered with spines; color light green. Pkt. 10 cts., $\frac{1}{2}$ oz. 15 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., postpaid.

LEMON. A desirable variety, having a strong resemblance to a lemon in its size, shape, and color. Pick just as it turns yellow, and they make fine sweet or sour pickles. They may also be used as containers for stuffed pickles. Pkt. 10 cts., $\frac{1}{2}$ oz. 15 cts., oz. 25 cts., postpaid.

LIVINGSTON'S EMERALD. Introduced by us in 1897. A dark-green Cucumber that will hold its color until quite ripe, making it very attractive. The plant sets early, and its vigorous vines abound in long, straight, handsome fruits of the most desirable qualities. **As a slicer, the flesh is perfectly crisp and tender and the flavor most pleasing.** The young fruit is dark green, straight, slender, and almost spineless; makes an excellent pickle, and when ripe none excel it for making sweet pickles. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.40, postpaid.

Klondike. Excellent strain of White Spine, remarkable for the uniformly dark green skin of its shapely fruits. Popular with southern planters for shipping north. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.15, postpaid.

Vickery's Forcing. Rich, dark green in color; immense cropper. A choice variety for hothouse growers; also hard to excel for outdoor cultivation. Pkt. 15c., $\frac{1}{2}$ oz. 30c., oz. 55c., $\frac{1}{4}$ lb. \$1.90, lb. \$6.50, postpaid.

EARLY FRAME, or SHORT GREEN. A popular early variety of medium size and good shape; excellent sort to produce small pickles. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.25, postpaid.

NICHOL'S MEDIUM GREEN. Introduced by us in 1883. Color dark green; flesh crisp and tender; medium size, straight and smooth; a real handsome and prolific variety. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.25, postpaid.

EARLY GREEN CLUSTER. Short and prickly; bearing in clusters of two and three, pickles of small size, prolific; fine for bottling. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.35, postpaid.

Dandelion

Sow in May or June, in warm, rich soil, in drills $\frac{1}{2}$ inch deep and $1\frac{1}{2}$ feet apart. Some of the plants will be ready for use in September, the remainder the following spring.

One ounce will sow 150 feet of drill

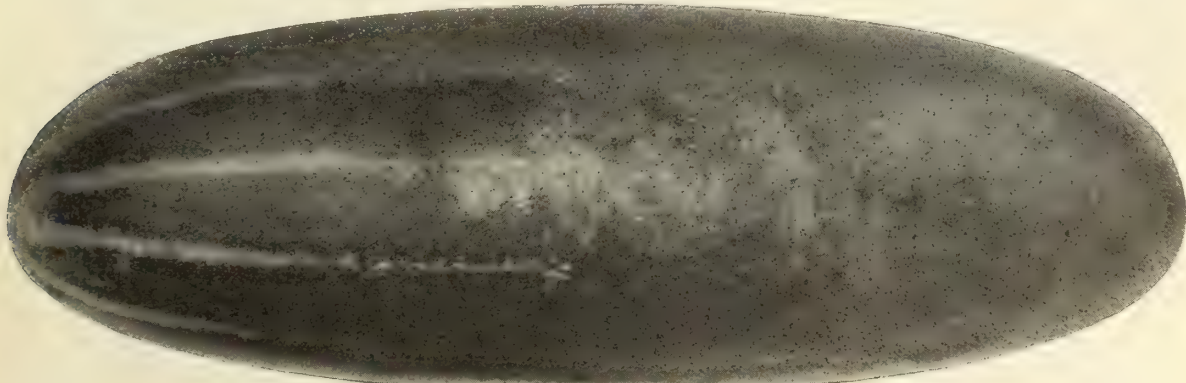
LARGE-LEAVED. Leaves fully double the size of the common Dandelion. Years of the most careful cultivation have developed a very fine strain of seed. Makes delicious greens. Pkt. 15 cts., $\frac{1}{2}$ oz. 30 cts., oz. 50 cts., $\frac{1}{4}$ lb. \$1.75, lb. \$6, ppd.

Dill

Sow early in the spring, thinly in rows about $1\frac{1}{2}$ feet apart for hand cultivation or $2\frac{1}{2}$ feet apart if to be cultivated with horse. Cover seed about $\frac{1}{2}$ inch. Dill is used in large quantities for flavoring cucumber pickles and vinegar.

COMMON. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 85c., postpaid.

MAMMOTH. Similar to above except larger plant and seed-heads. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1, postpaid.

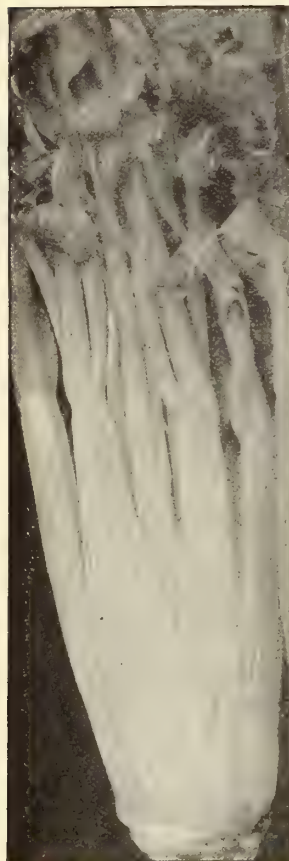


Klondike Cucumber



Livingston's True Blue Seeds

Sellerie **Celery** Apio



Golden Plume Celery

Celery Culture.—Celery can be successfully grown with but little labor, in any good garden soil, by using plenty of well-rotted manure. It delights, however, in low, moist, rich bottom land, or well-drained muck soil. It is usually grown as a second crop. Sow the seed in a hotbed or coldframe, or in the open ground, as soon as fit to work in the spring. Prepare the soil well before sowing, also keep quite moist until the seed germinates. To insure stalky plants, cut back to within 2 inches of the crown when 4 inches high. Transplanting of the early sorts should be done about June 15 and from that on to August 15, for the late varieties. Set plants in a single row, 6 inches apart, either on the level surface or in a shallow trench, giving them a good watering. The rows should be 3 feet apart where boards are to be used for blanching, or 4 feet apart where soil is used. One ounce of seed sown in flats produces about 8,000 to 10,000 plants. Plenty of seed should be used so that the best plants may be selected for transplanting.

Columbia. An early-maturing sort following Golden Self-Blanching. The plant is of medium height, but very stocky and heavy. The stalks are thick, almost round, color rich yellow tint. The foliage is a light shade of green with a tinge of yellow. Quality fine. Pkt. 10 cts., $\frac{1}{2}$ oz. 25 cts., oz. 45 cts., $\frac{1}{4}$ lb. \$1.40, lb. \$5, postpaid.

Golden Self-Blanching. This grand Celery is of French origin. It has the same self-blanching habit as White Plume, but is heavier and more compact, though not so early. Grows to good size, is very tender and free from strings, the heart large and solid, crisp, brittle, of excellent quality, and beautiful golden color.

AMERICAN-GROWN SEED FROM FRENCH STOCK SEED. Pkt. 10 cts., $\frac{1}{2}$ oz. 30 cts., oz. 50 cts., $\frac{1}{4}$ lb. \$1.75, lb. \$6, postpaid.

FRENCH-GROWN SEED. From one of the most careful growers. Pkt. 15 cts., $\frac{1}{4}$ oz. 35 cts., $\frac{1}{2}$ oz. 60 cts., oz. \$1.10, $\frac{1}{4}$ lb. \$3.75, lb. \$14, postpaid.

Golden Plume. This is a selected strain of Golden Self-Blanching, having a beautiful golden color and that rich, nutty flavor so much desired by lovers of fine Celery. It resists blight and rust to a remarkable degree, matures quite early, and keeps a long time. There are some other strains of this type of Celery that do not keep. The Golden Plume is a mighty good shipping sort. It grows to large size and of fine proportions. A very attractive sort, hence an easy one to sell. Pkt. 25c., $\frac{1}{4}$ oz. \$1, $\frac{1}{2}$ oz. \$1.75, oz. \$3, $\frac{1}{4}$ lb. \$11.75, lb. \$45, postpaid.

White Plume. Stalks and portions of the inner leaves and heart are so nearly white naturally that tying or simply drawing the soil up against the plants will complete the work of blanching. It is very ornamental. Early, of good flavor and fine texture; adapted to fall and early winter use; a fairly good keeper up to the holiday season. Pkt. 10 cts., $\frac{1}{2}$ oz. 20 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1.15, lb. \$4, postpaid.

Easy Blanching. A variety remarkably easy to blanch, which, together with its being adapted to early use as well as storing for winter, makes it especially suitable for the home-garden. Stalks white, thick, brittle and of excellent flavor; plant strong, healthy grower. Pkt. 10c., $\frac{1}{2}$ oz. 30c., oz. 50c., $\frac{1}{4}$ lb. \$1.75, lb. \$6, postpaid.

Giant Pascal. Forms solid, crisp stalks of rich, nutty flavor. Of strong growth; blanches easily to a rich yellowish white and is very brittle. A fine keeper for midwinter use and an excellent shipper, retaining color and fresh appearance a long time. A favorite with southern growers. Pkt. 10 cts., $\frac{1}{2}$ oz. 20 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1.15, lb. \$4, postpaid.

WINTER QUEEN. Of short, stocky growth, with broad, heavy stalks. An excellent variety for winter use. When blanched, the stalks are of a creamy white color and very attractive. Its flavor, crispness, and long-keeping qualities combine to make this sort one of the best winter varieties. Pkt. 5 cts., $\frac{1}{2}$ oz. 20 cts., oz. 30 cts., $\frac{1}{4}$ lb. \$1, lb. \$3.50, postpaid.

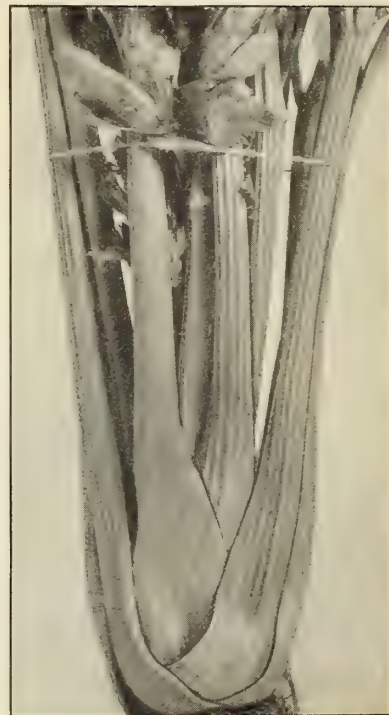
WONDERFUL. This variety was recently introduced by one of the eastern seedsmen, and while it is similar in some respects to Golden Plume, it is being used in large quantities in many of the Celery sections. It grows rapidly to a good height, has a very attractive golden yellow color, and the quality is fine. It is not as subject to blight as many other varieties, but does not have the good keeping qualities of some, hence should be marketed early. Pkt. 25 cts., $\frac{1}{2}$ oz. \$1.50, oz. \$2.50, $\frac{1}{4}$ lb. \$8, postpaid.

Emperor. (See illustration.) Emperor is a most distinct variety of outstanding merit. It is of true dwarf type and, therefore, much easier to blanch than the taller-growing sorts. The plants average 15 to 18 inches in height, and the blanched part is 6 to 9 inches long. The stalks are smooth and very thick, some measuring $\frac{1}{2}$ inch through when cut. The color is white, the heart tinged with yellow. Unsurpassed in flavor, being decidedly nutty and crisp. "The largest, most solid, and finest nut-flavored Celery grown." Pkt. 10 cts., $\frac{1}{2}$ oz. 30 cts., oz. 50 cts., $\frac{1}{4}$ lb. \$1.75, lb. \$6, postpaid.

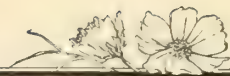
Celeriac Turnip-Rooted Celery

Sow seed the same as for Celery. Transplant into rows 2 feet apart and 9 inches in the row. Thorough cultivation is necessary to secure good roots. Earthing up is not necessary as the stalks and leaves are not used. The roots may be cooked or used as salad.

GIANT SMOOTH PRAGUE. A large, smooth variety and an excellent keeper; select stock; almost round. Pkt. 10 cts., $\frac{1}{2}$ oz. 20 cts., oz. 30 cts., $\frac{1}{4}$ lb. 85 cts., lb. \$3, postpaid.



Emperor Celery



Gierpfianze **Eggplant** *Berenjena*

How to Grow Eggplant.—Sow seeds in hotbed or warm greenhouse in March or early in April; if no hotbed is at hand, they may be grown in any light room where the temperature will average 75 degrees. When plants are 2 inches high, or have formed two rough leaves, transplant them into beds and set 3 to 4 inches apart. Keep beds closed and very warm, shading from direct rays of the sun and giving an abundance of water until the ground is warm and all danger from frost and cold nights is past; then harden the plants by gradual exposure to the sun and air, and decrease the supply of water; transplant to the open ground late in May or June, into warm, rich soil, 2 to 3 feet apart each way. When about a foot high, draw the earth up to the stem.

One ounce of seed produces about 1,500 plants

Black Beauty. From ten days to two weeks earlier than the purple varieties, and of rich, lustrous, purplish black color. It is a distinct sort and a favorite where known. The plants are remarkably healthy in their growth and yield an abundance of large fruits. The fruit is very attractive in appearance. This variety is entirely spineless. Quality the very best. Pkt. 10c., ½oz. 25 cts., oz. 45 cts., ¼lb. \$1.40, lb. \$5, postpaid.

NEW YORK IMPROVED LARGE PURPLE. A leading variety. Fruit very large, oval, smooth, deep purple; flesh white and of good quality. The seed we offer is a very fine strain of this popular sort. Pkt. 10 cts., ½oz. 20 cts., oz. 35 cts., ¼lb. \$1.15, lb. \$4, postpaid.



Livingston's Mammoth Purple Eggplant



Green Curled Endive

Livingston's Mammoth Purple. This is a splendid strain of New York Improved Large Purple. It is quite early, a sure cropper, and entirely spineless. The plants are large, vigorous, and very productive. The fruit is uniform in color and shape, very large—usually 6 to 8 inches in diameter, but sometimes specimens are grown measuring 10 inches. Skin, a handsome dark purple, smooth and glossy. Flesh white, of superior quality. Pkt. 10 cts., ½oz. 25 cts., oz. 40 cts., ¼lb. \$1.25, lb. \$4.25, postpaid.

FLORIDA HIGH BUSH. A large-fruited purple sort, very popular with southern growers. The fruit is held well up off the ground. A splendid shipper and finds ready sale. The plant is vigorous, quite productive, drought-resisting, and stands wet weather well. Pkt. 10 cts., ½oz. 20 cts., oz. 35 cts., ¼lb. \$1.15, lb. \$4, postpaid.

R. F. Cox, Tuscarawas County, Ohio writes: *Seeds ordered a few days ago have been received and were found to be O. K. We thank you for your promptness.*

Endivien Salat **Endive** *Endibia o Escarola*

For an early crop, sow in April in drills 15 inches apart, and later thin the plants to stand 1 foot apart in the row. The main sowings are made in June and July. When nearly full grown, gather up the leaves and tie them by their tips to blanch the heart.

One ounce of seed will sow 150 feet of drill

Large Green Curled. A hardy, vigorous-growing variety with bright, deep green leaves. The dense mass of deeply divided leaves formed in the center blanches very readily to rich creamy white. Pkt. 5 cts., oz. 20 cts., ¼lb. 65 cts., lb. \$2, postpaid.

FINE GREEN CURLED. Hardy variety. Deep green leaves, beautifully cut and curled; easily blanched. Pkt. 10 cts., oz. 20 cts., ¼lb. 65 cts., lb. \$2, postpaid.

LARGE CURLED PANCALIER. Erect grower; early; large; very finely curled; productive; rose-colored ribs; center so dense that it blanches itself. Pkt. 10 cts., oz. 15 cts.

BROAD-LEAVED BATAVIAN. Broad, thick, and slightly wrinkled leaves; form very large heads, which are much used in soups. Pkt. 10 cts., oz. 15 cts., ¼lb. 50 cts., lb. \$1.75, ppd.

Florence Fennel

A bulb-like vegetable which is formed above the ground at the base of the leaf-stalk, if the plant is well grown. Blanched and boiled it has a slightly aromatic odor and pleasant taste. Plant very branching, upright with dense thread-like foliage. Pkt. 10 cts., oz. 15 cts., ¼lb. 45 cts., lb. \$1.40, postpaid.



Florence Fennel



Livingston's True Blue Seeds

Garlic Sets

Garlic Sets or Bulbs are planted in early spring in rows 1 foot apart, placing the sets 4 inches apart in the rows, 2 inches deep, or in the same manner as multiplier onions. Garlic is used for flavoring purposes. Bulbs, oz. 10 cts., $\frac{1}{4}$ lb. 20 cts., lb. 50 cts., postpaid.



White Vienna Kohlrabi

Blatterkohl Kale, or Borecole Breton

Kale, or "German Greens," does not form heads, but furnishes an abundance of pretty curled leaves that are highly prized as food. Sow from the middle of April to the beginning of May; transplant and cultivate like cabbage. Will endure considerable frost without injury.

One ounce of seed sows 200 feet of drill; 4 pounds sow an acre

DWARF GREEN CURLED "GERMAN GREENS," or "SPROUTS." Is very dwarf and spreading. The leaves are beautifully curled and of a bright green color. Hardy. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.25, postpaid.

EXTRA-DWARF GREEN CURLED. This variety is even more dwarf than Dwarf Green Curled, and is a little more crimped or curled. On account of it being so finely curled it is often used for garnishing in addition to "greens." Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.40, postpaid.

Siberian Kale. Dwarf growth; bluish green leaves. Sow in September, in rows a foot apart, and cultivate the same as spinach; very hardy and makes an excellent spring greens. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1, postpaid.



Dwarf Green Curled Kale

Herbs

Sweet, Pot, Culinary, and Medicinal

Herbs delight in a rich, mellow soil. Sow in early spring in shallow drills 1 foot apart; cover lightly with fine soil, and when up a few inches thin out, or transplant into prepared beds. Care should be taken to harvest properly. Do this on a dry day, just before they come into full blossom; dry quickly in the shade, pack closely in bottles or dry boxes to exclude the air. Varieties in the list marked with an * are perennials.

	Pkt.	Oz.		Pkt.	Oz.
Anise.....	\$0 05	\$0 10	*Peppermint..	\$0 10	
*Balm.....	05	20	*Rosemary....	05	\$0 35
*Caraway.....	05	10	Sage, page 46..		
*Catnip, or Cat- mint.....	10	30	Summer Sav- ory.....	05	10
*Coriander.....	05	10	Sweet Basil...	05	20
Dill, page 25...			Sweet Marjor- am.....	05	15
*Fennel, Sweet.	05	10	*Thyme.....	10	35
*Horehound....	05	20	*Wormwood...	10	25
*Lavender, Sweet	05	20			

Kohlrabi (Turnip-Rooted Cabbage)

Kohlrabi Col rabano o Nabicol

The turnip-shaped bulb formed above the ground is the edible part. The flavor seems to combine that of cabbage and turnip. When young and tender they are fine for table use, when matured they keep splendidly and are excellent for feeding stock.

One ounce of seed sows 300 feet of row

EARLY WHITE SHORT-LEAVED. An extremely early sort, with very small tops, thus allowing close planting; flesh white. Fine for forcing. Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 70 cts., lb. \$2.25, postpaid.

Early White Vienna. Greenish white outside, with clear, white flesh within. Fine in quality. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 45c., lb. \$1.50, postpaid.

EARLY PURPLE VIENNA. Same as above, except in the outside color. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., postpaid.



Leeks

Porree oder Lauch Leeks Puerro

Cultivate the same as onions

BROAD SCOTCH, or LONDON FLAG. A hardy kind; large, strong plants with broad leaves. Pkt. 10 cts., $\frac{1}{2}$ oz. 15 cts., oz. 25 cts., $\frac{1}{4}$ lb. 70 cts., lb. \$2.25, postpaid.

**LARGE MUSSELBURGH (Carentan, or Scotch Champ-
ion).** Favorite market sort of enormous size; large, broad leaves; flavor is very mild. Pkt. 10 cts., $\frac{1}{2}$ oz. 15 cts., oz. 25 cts., $\frac{1}{4}$ lb. 70 cts., lb. \$2.25, postpaid.



Lettuce

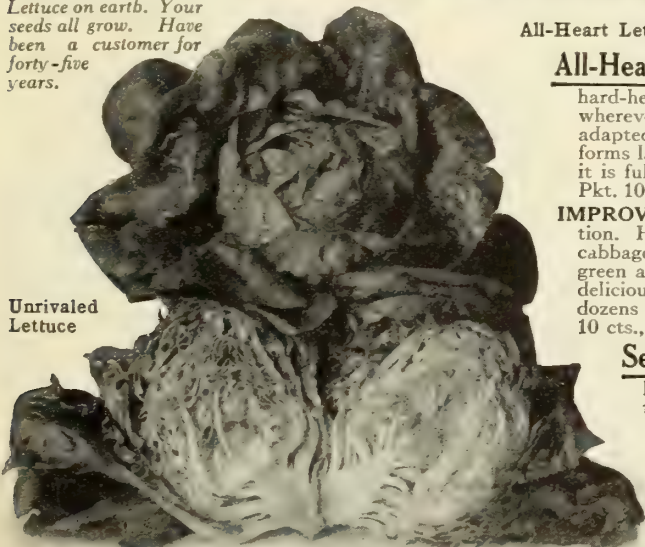
Culture.—For early spring use, sow in a seedbed in September or October, and protect through the winter in coldframes, or in the South with leaves or litter, or sow in a hotbed in early spring. Lettuce plants may also be started very successfully in the house in boxes which are about 5 inches deep. Make soil very fine and firm. Mark off into rows 2 inches apart and 1 1/4 inch deep, into which sow the seed quite thinly; cover with blotting- or brown paper fitted into the top of the box. First saturate the paper with water and keep moist until the seed germinates, then remove. Expose the young plants gradually to the light. As soon as the ground outside is dry and warm, so that it can be well worked, set out the plants 8 inches apart in the rows. For outside sow very thinly in rows 1 1/2 feet apart, covering seed 1/4 inch deep with fine soil, and when well up thin to 1 foot apart in the rows. In order to have crisp, tender Lettuce, it should be grown as rapidly as possible, therefore the soil should be made very rich by liberal manuring.

One ounce of seed sows 100 square feet; plants 120 feet of row; produces 3,000 plants

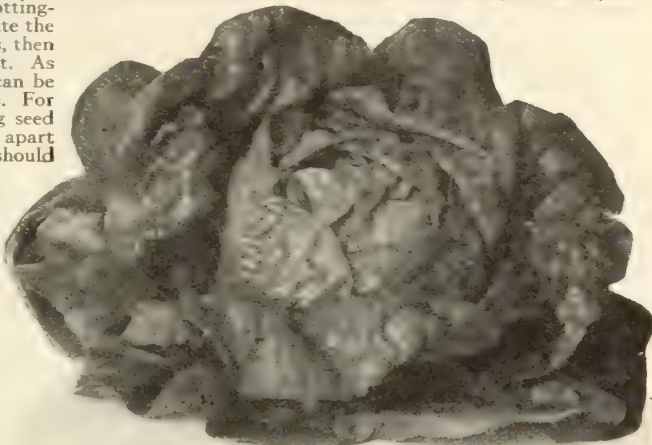
ICEBERG. A beautiful Lettuce, with large, curly leaves of a bright light green, with a very slight reddish tinge at the edges. Handsome heads, unusually solid because of the natural tendency of the large, strong leaves to turn in, which also causes thorough blanching. Crisp, tender and fine flavor. Pkt. 10 cts., 1/2 oz. 20 cts., oz. 30 cts., 1/4 lb. 85 cts., lb. \$3, postpaid.

LIVINGSTON'S CRISP-AS-ICE. Introduced by us in 1895. A most beautiful, attractive Lettuce of the cabbage type. The heads are solid, of immense size when well grown, and so exceedingly crisp, tender and brittle as to fully warrant the name, **Livingston's Crisp-as-Ice.** The glossy leaves are thick, nicely crimped and curled; the outside leaves are beautifully variegated with dark brown, bronze, and green. The heads when cut open, have a rich, creamy yellow heart. A superior family and home-market Lettuce, and so hardy as to withstand frost very late in the season. Pkt. 10 cts., 1/2 oz. 20 cts., oz. 30 cts., 1/4 lb. 85 cts., lb. \$3, postpaid.

N. D. DURST, Robertson County, Texas, writes: *When I buy from you I get my money's worth. Your Crisp-as-Ice is the best Lettuce on earth. Your seeds all grow. Have been a customer for forty-five years.*



Unrivaled Lettuce



Big Boston Lettuce



All-Heart Lettuce

Selected Big Boston.

(White-seeded.) A very desirable large variety for forcing in coldframes and for outdoor planting. Plants large, hardy, vigorous. Leaves broad, smooth, thin, of a light green color. One of the most popular sorts in the South for shipment to northern markets. It forms good-sized heads and does particularly well during the cool fall and spring months. Heads of a pleasing light green color, firm, and of superior quality. When grown in coldframes, the heads are not as tight as when grown outside. One of the best market varieties we know. Pkt. 10 cts., 1/2 oz. 15 cts., oz. 25 cts., 1/4 lb. 75 cts., lb. \$2.75, postpaid.

All-Heart. This excellent variety of Lettuce is in favor with both private and market-gardeners. It is a very reliable, hard-heading variety of Cabbage-Lettuce and will give satisfaction wherever grown. It rarely fails to make a large, solid head and is adapted for both spring and summer use. It withstands heat and forms large heads, leaves closely set, with solid heart, even before it is fully grown. Color yellowish green; flavor rich and buttery. Pkt. 10 cts., 1/2 oz. 15 cts., oz. 20 cts., 1/4 lb. 65 cts., lb. \$2, postpaid.

IMPROVED HANSON. None more reliable for outdoor cultivation. Heads grow to a remarkable size, resembling that of a flat cabbage. Extremely slow to run to seed. Outer leaves are bright green and beautifully frilled on the edges; inner leaves white and deliciously sweet, tender and crisp. In our trial-grounds, with dozens of other sorts, it withstood summer heat the best. Pkt. 10 cts., 1/2 oz. 15 cts., oz. 25 cts., 1/4 lb. 75 cts., lb. \$2.50, postpaid.

Selected Unrivaled.

A selection from Big Boston. Heads are large, solid, and of a light green color, shading to creamy white at the center of the head. The quality is fine, having a rich buttery flavor. Selected Unrivaled is very similar in appearance to Big Boston, but does not have the red tinge at the outer edge of the leaf. Pkt. 10 cts., 1/2 oz. 15 cts., oz. 25 cts., 1/4 lb. 75 cts., lb. \$2.50, postpaid.

E. C. LONNESBERG, Wayne County, Michigan, writes, November 12: *You will be interested to know that I am using Livingston's Crisp-as-Ice Lettuce now from my open garden, when all other varieties are frozen and gone.*



Livingston's True Blue Seeds

Lettuce, continued

Arlington Fancy Curled. (NEW.) A most beautiful variety of the non-heading, or curly-leaf type. It resembles the best stocks of the well and favorably known Grand Rapids, but some of the large growers for market tell us it is more beautifully curled. When well grown it is of excellent quality, and for garnishing, nothing in the Lettuce line excels it. Everyone should grow some of it this very season, for it is bound to be much sought after, as it is one of those really good things, like our Livingston's Tomatoes, Golden Bantam Corn, etc., that become popular favorites with the general public almost at once. The past season we grew 10,000 plants of it for seed, and there was not a single off-type plant to be found. Our stock is quite limited but while it lasts we offer it at, pkt. 25 cts., $\frac{1}{2}$ oz. 40 cts., oz. 75 cts., $\frac{1}{4}$ lb. \$2.75, ppd.

DUTCH FORCING. A new extra-early heading variety. The heads, though small, are firm and are of a pleasing yellow color. In our trial-grounds, Dutch Forcing formed solid heads a full week ahead of any other sort, and this fact alone should appeal to those wishing early Head Lettuce. Pkt. 10 cts.

May King. The May King is an early variety of Head Lettuce. It is not easily affected by cold or wet weather, grows very quickly, and produces, even in poor soil, fine medium-sized heads, early in the spring. Pkt. 5 cts., $\frac{1}{2}$ oz. 15 cts., oz. 25 cts., $\frac{1}{4}$ lb. 70 cts., lb. \$2.25, postpaid.

PRIZE HEAD. Large heads; even the outer leaves are crisp and tender; light green, tinged with brownish red; superb flavor; very hardy; very fine for home use; too tender to ship any great distance. Pkt. 5 cts., $\frac{1}{2}$ oz. 15 cts., oz. 25 cts., $\frac{1}{4}$ lb. 70 cts., lb. \$2.25, postpaid.

Black-Seeded Simpson. Is very popular among market-gardeners, and fine for the home table. Forms a large, loose head. Its nearly white, curly leaves are large, thin, very tender, and of good quality. Pkt. 10 cts., $\frac{1}{2}$ oz. 20 cts., oz. 30 cts., $\frac{1}{4}$ lb. 85 cts., lb. \$3, postpaid.

EARLY CURLED SIMPSON. A leading early sort; does not head, but forms a compact mass of curly leaves of light yellowish green; very tender and crisp. Pkt. 5 cts., $\frac{1}{2}$ oz. 15 cts., oz. 25 cts., $\frac{1}{4}$ lb. 70 cts., lb. \$2.25, postpaid.

EARLY WHITE CABBAGE, or PHILADELPHIA BUTTER. This old reliable variety is very tender, has large, solid, greenish white heads and stands the heat extremely well. Pkt. 5 cts., $\frac{1}{2}$ oz. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.50, postpaid.



Selected Grand Rapids Lettuce

Selected Grand Rapids. Especially adapted for greenhouse culture in winter; also a good Lettuce to sow outside early in the spring. Our stock of this variety is extra fine and is greenhouse as well as outdoor tested for purity. Grand Rapids does not form a head, but makes large, compact bunches of light, attractively curled and fringed leaves. It grows very rapidly and keeps in good market condition for a long time after cutting. The seed should be sown more shallow than other sorts, otherwise it may not germinate. Our strain of Grand Rapids is extra fine, and besides we grow it in greenhouses to test for purity before sending out. Pkt. 10 cts., $\frac{1}{2}$ oz. 20 cts., oz. 30 cts., $\frac{1}{4}$ lb. \$1, lb. \$3.50, postpaid.

WALTER J. MARION, Pickaway County, Ohio, writes: Please send us by parcel post one pound of Select Grand Rapids Lettuce seed for the greenhouse, out of the same seed that I got a few weeks ago. It is the purest Grand Rapids that I ever got. A pound of the same kind will be good enough.

OHIO GRAND RAPIDS. This variety was only recently introduced and already a number of the large greenhouse growers are making liberal plantings of it. It may be described as a dark-leaved Grand Rapids, but is more rank in growth. Especially adapted to mid-winter crops in greenhouse. Pkt. 10 cts., $\frac{1}{2}$ oz. 20 cts., oz. 30 cts., $\frac{1}{4}$ lb. 85c., lb. \$3, postpaid.

IMPROVED SALAMANDER. Large, compact heads; color light green, shading to white at the center; leaves thick, smooth, tender and of fine quality. Pkt. 5 cts., $\frac{1}{2}$ oz. 15 cts., oz. 20 cts., $\frac{1}{4}$ lb. 65 cts., lb. \$2, postpaid.

Wonderful (New York). This splendid mammoth-heading and long-keeping variety has been grown to weigh six pounds to the head; frequently weighs two to three pounds. Heart is solid, of light green color, very sweet, tender and crisp. Long-standing; perfect heads may be cut from the same bed for many weeks. Pkt. 10 cts., $\frac{1}{2}$ oz. 25 cts., oz. 45 cts., $\frac{1}{4}$ lb. \$1.50, lb. \$5.50, postpaid.

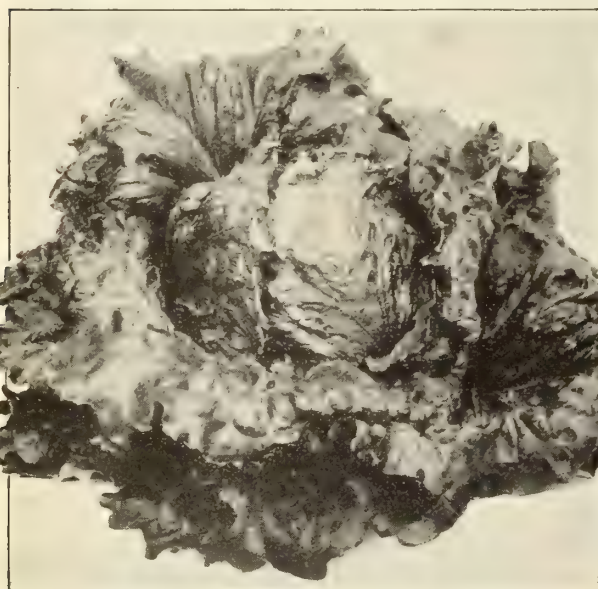
O. L. REED, of Pueblo County, Colorado, writes: Last July I ordered Head Lettuce seed (Wonderful) of you. Scarcity of labor and other unfavorable conditions prevented it having a fair chance. But with all these drawbacks I am now cutting very fancy stock. I never had a crop heading more uniformly or more solidly.

Celery Lettuce

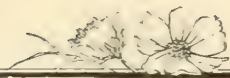
TRIANON COS (Romaine). This variety is the finest of the Cos or blanching sorts. The long, narrow leaves, which form solid heads, like Early Jersey Wakefield cabbages, blanch and become snowy white. Excels in quality and crispness. The leaves, when blanched,

are stiff like celery, and can be eaten in the same manner. Pkt. 5 cts., $\frac{1}{2}$ oz. 15 cts., oz. 25 cts., $\frac{1}{4}$ lb. 70 cts., lb. \$2.25, postpaid.

LIVINGSTON'S LETTUCE MIXTURE. One sowing produces salad for the season. Contains a grand assortment of decidedly distinct and excellent Lettuces. Liberal pkt. 10 cts., $\frac{1}{2}$ oz. 20 cts., oz. 35 cts.



Wonderful (New York) Lettuce



Muskmelons or Cantaloupes

Melon *Almizcleno o Cantain*
Zucker Melonen

A rich, sandy soil and good seed are absolutely necessary for success in raising the best Muskmelons. The seed should not be planted until the ground has become dry and warm; plant in hills 6 feet apart each way; old, well-rotted manure should be thoroughly mixed with the soil in each hill and in liberal quantity. Put six to ten seeds in the hill and when danger from insects is past, leave three or four of the strongest plants only. Musk or Cantaloupe Melons may also be sown in rows that are made about 6 feet apart, and when the plants are well up thinned to stand in hills 5 to 6 feet apart, just before the plants begin to run. This method requires more seed but insures a good stand of plants in spite of the bugs. Cultivate often and not deep.

One ounce will plant 60 hills; 2 to 3 pounds will plant an acre

Pollock's No. 10-25. This is an improvement in this type of melon and should take the place of Rocky Ford Pink Meat or Pollock's No. 25, Eden Gem, etc. Its merits are its uniformity of size of fruit, fine keeping and shipping qualities, and attractive appearance. Pkt. 5 cts., $\frac{1}{2}$ oz. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75, postpaid.

ROCKY FORD PINK MEAT (Pollock's No. 25). Beautifully netted; flesh is pink or salmon; shipping and eating qualities excellent. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.50, postpaid.

Delicious Gold-lined Rocky Ford. The shape is slightly oval, heavily netted over the entire surface. The flesh is thick, fine-grained and sweet. The color is green with a gold margin next to the seed cavity. Attractive both as to outward appearance and when cut. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 65 cts., lb. \$2, postpaid.

ROCKY FORD. An improved Netted Gem Melon with sweet, green flesh. Fruit small, almost round, smooth, slightly ribbed, densely covered with netting and of unequal quality. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 45c., lb. \$1.50, postpaid.

NETTED GEM. Very early; delicious; small and round in shape. Firm, green flesh, sweet almost to the rind. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.25, postpaid.

Emerald Gem. Ripens early; medium size; nearly round; flesh a delicate light salmon color, very thick, fine-grained, and of superb flavor. The rind is thin, dark green, ribbed, slightly netted. One of the best for home use. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75, ppd.

BURRELL'S GEM (Ordway's, or Osage Gem). A superior orange-fleshed shipping melon. Of splendid flavor, sweet and aromatic, oblong in shape, fruits average 6 by 4 inches, smoothly rounded ends closely netted and slightly ribbed, dark green skin. The rind is thin; flesh deep rich salmon. Very fine for marketing. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.50, postpaid.



Extra-Early Osage

Extra-Early Osage. A week to ten days earlier than the old type Osage, and nearly as large; flesh very thick, salmon-colored and of high quality. Form, color and general appearance similar to Osage. One of the very best melons. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 65 cts., lb. \$2, postpaid.

EXTRA-EARLY HACKENSACK. Produces two weeks earlier than the well-known Hackensack; heavily netted, and has light green flesh of most delicious flavor. Good keeping and shipping sort. Large, fine form. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.50, postpaid.

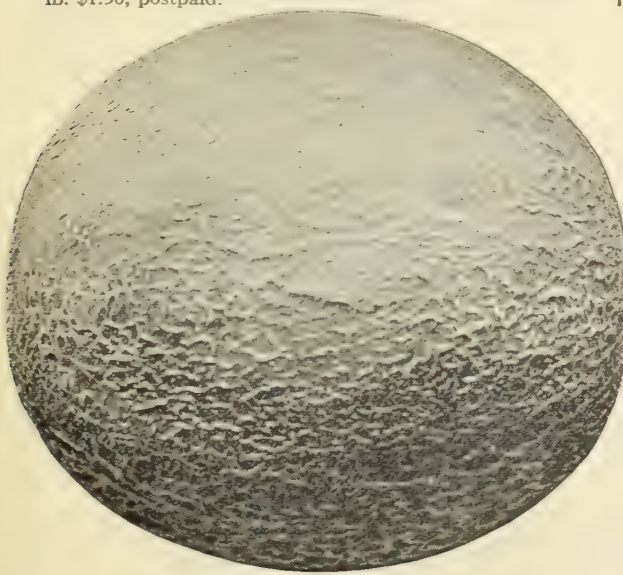
Edward's Perfecto. The Perfecto is the last word in melons in the Rocky Ford class. Our grower of the Perfecto says of it, "Fruit very uniform in size, nearly round, and densely covered with a hard gray netting; flesh very thick and of a beautiful salmon color, shading into green as it nears the rind. Perfecto has the deepest flesh, smallest seed-cells and more salmon-colored flesh than any other type of Rocky Ford shipping melon. Recommended for its excellent eating and shipping qualities. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75, postpaid.

Honey Ball. (New.) The Honey Ball is the result of a cross between Cannon Ball and Honey Dew. It is a little larger than Rocky Ford, is as round as a ball, has thick green flesh, and therefore a small seed cavity. It has a hard tough rind which makes it a wonderful shipping melon. Honey Ball is quite early, enormously productive, and has a flavor and sweetness which will add greatly to its popularity. The vine is vigorous and is more resistant to blight and sun scald than other varieties. Pkt. 15 cts., $\frac{1}{2}$ oz. 25 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.50, postpaid.

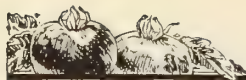
DAWSON BROS., Denver County, Colo., says of it: The cavity is very small and is packed solid with seed. It is a good shipper and will carry from Rocky Ford, Colo., to New York, after being ripened on the vines. We shipped several cars of them last season to New York City and they were highly praised, bringing from 25 cents to \$1 more per crate than the ordinary cantaloupes.

H. D. CLUTE, Otero County, Colo., writes as follows: This strain of melons (Edward's Perfecto) was shipped from here this season by the Fruit Supply Co. and topped every market they reached.

A Fort Worth, Texas, produce dealer writes: Honey Ball is the best melon I have ever handled. It will revolutionize the melon business.

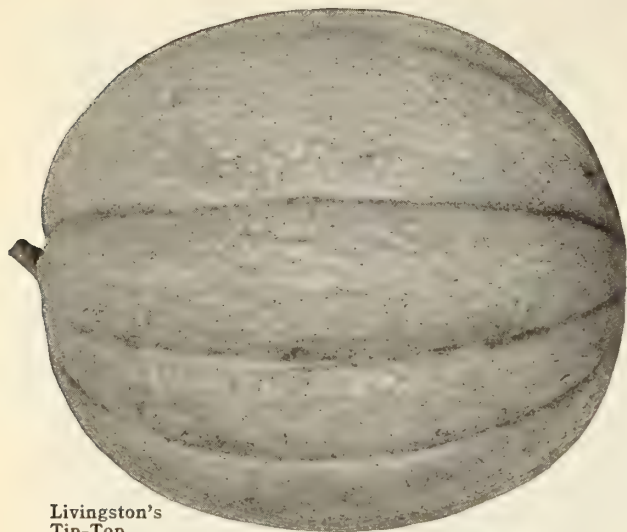


Honey Ball Melon



Livingston's True Blue Seeds

Muskmelons or Cantaloupes, continued



Livingston's
Tip-Top

Livingston's Tip-Top. Originator's Strain. Tip-top in quality, appearance, and productiveness. Introduced by us in 1892. This splendid melon has "held its own" for many years against all introductions in the melon line, and no yellow-fleshed melon of which we have any knowledge compares with it in good qualities. The testimony of all who have used **Tip-Top** is that every melon produced, whether big or little, early or late, is a good one—sweet, juicy, finest flavor, firm (but not hard) fleshed and eatable to the outside coating. Its appearance on the market is very attractive—sells on sight. Customers soon learn to pick them out and will have no other variety. Fruit of large size, and flesh attractively bright salmon in color; slightly oblong, evenly ribbed, moderately netted, very productive. Originator's Strain, pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50, postpaid. By express, not prepaid, 5 lbs. \$10.

Extra-Early Knight (Sweet Air). An extremely early medium-sized melon. Fruit oblong; skin deep green, turning to golden at maturity, well covered with a close gray netting and distinctly ribbed; flesh fairly thick and very sweet; color medium green blending to light pink near the center. Quality good. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75, postpaid.

Hoodoo (Hearts of Gold). The vine is quite vigorous, blight-resisting and is very productive. The fruits vary slightly in shape, averaging nearly round. The netting is distinctive in being exceptionally dense and fine, and it extends over practically the entire surface. The rind, although thin, is so very firm that the Hoodoo is one of the best shipping sorts. Flesh salmon, very thick, highly colored, of finest texture, and delicious flavor. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75, postpaid.

PERFECTION (Princess). In size weighing from eight to ten pounds with dark green skin but heavily netted; flesh a rich orange color; very sweet. A medium late main-crop sort adapted to home markets and use. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75, postpaid.

Livingston's Ohio Sugar. A Green-fleshed Tip-Top. Introduced by us in 1908. Livingston's Ohio Sugar Melon is an absolutely distinct and very superior melon. It is the result of years of most careful and painstaking selection and breeding. It is one of the sweetest and most luscious green-fleshed Cantaloupes now on the market. It is of that desirable size in demand in all markets, round, inclined to oval in shape, heavy in proportion to size because the flesh is deep. It is distinctly ribbed and well netted—color of skin grey-green. Because of its firm flesh and solidity, it is a splendid shipper. Seed cavity is small. It is the rarest exception that an under-quality melon is found. The flesh is an attractive green of exquisite texture, sugary, juicy, tender, and entirely free from stringiness. Uniform shape; market and home-garden melon. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.50, postpaid. By express, not prepaid, 5 lbs. \$10.

Greeley Wonder. This melon came to our notice a few years ago at Greeley, Colo., and we at once saw its merits. Melons are quite large, averaging four to five pounds; nearly round and having a very heavy netting. Flesh is quite thick and fine grained. It has salmon flesh equal to that of Osage in quality. We would class it among the later-maturing sorts. Anyone desiring a large salmon-fleshed melon of quality will be pleased with it. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75, postpaid.

Osage (Miller's Cream). A favorite salmon-fleshed variety. Large, oval, slightly ribbed and netted; skin is very dark green. Flesh is very thick and sweet flavored, most delicious to the rind. The whole crop is very even and fruit extra heavy. A great favorite for market purposes and home-garden. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75, postpaid.

Honey Dew. Its name has been well chosen, as it is about as sweet as honey. The average size is about 6 inches in diameter, and they weigh five to six pounds. The skin is smooth with little netting, and of creamy yellow when ripe. It is very thick, melting, fine grained and can be eaten almost to the rind; the seed cavity is quite small. We offer Honey Dew in both Green and Salmon Flesh.

Green Flesh. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.50, postpaid.

Salmon Flesh. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75, postpaid.

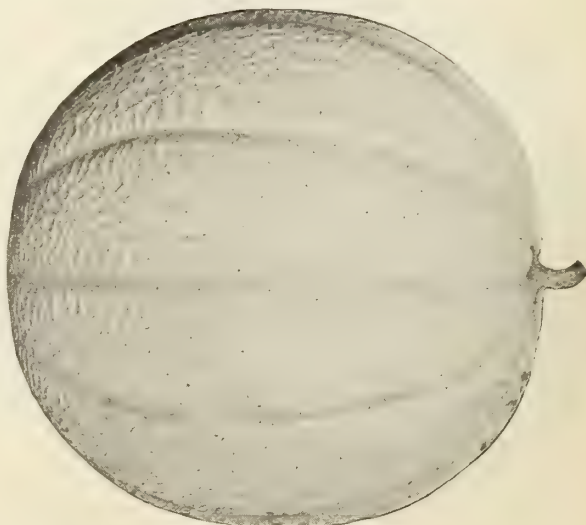
LONG ISLAND BEAUTY. Fruits are large, ribbed and heavily netted. Flesh a clear green and of high quality. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75, postpaid.

ACME (Baltimore Nutmeg). Has a beautiful, heavily netted, green skin; good size; shape is oval, slightly ribbed; flesh thick, green, smooth, very finely flavored. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.50, postpaid.

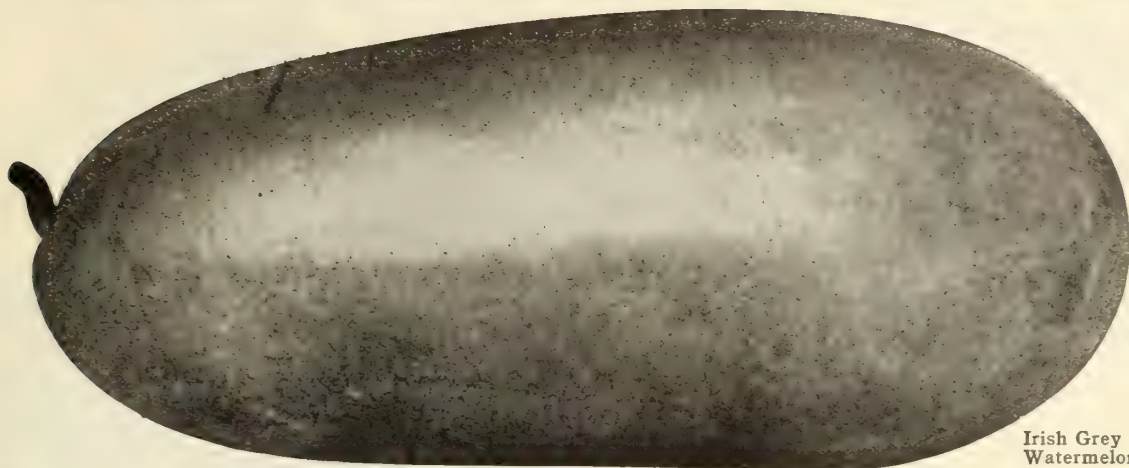
BENDER'S SURPRISE. A very popular variety in the East, particularly around Albany, N. Y. A selection from Surprise and a close kin to Irondequoit, differing from that variety in being more oblong, more full and rounded at the ends, not quite as well netted or as early; skin light greenish yellow when ripe. A very delicious, large, salmon-fleshed melon with superior shipping and keeping qualities. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 65 cts., lb. \$2, postpaid.

HACKENSACK (Turk's Cap). A very large, green-fleshed melon of good quality; nearly round but flattened on the ends. Ribs are deep and the surface is covered with a dense netting. Hardy and productive. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.50, postpaid.

BANANA. Very odd; 18 to 21 inches long. Yellow flesh, blending from bright green to rich salmon. Fragrant and of very fair quality. Early. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75, postpaid.



Livingston's Ohio Sugar



Irish Grey
Watermelon

Waffermelon

Watermelons

Sandias

A light, sandy soil, with good exposure to the sun, is the best situation to plant Watermelons. The ground should be prepared deeply, but receive shallow cultivation. Hoe often and very thoroughly. If extra-large Watermelons are desired for exhibition purposes, leave but one or two on a single vine. Plant in hills 8 to 10 feet apart each way, with a very generous shovelful of well-rotted manure mixed with the soil in each hill. If commercial fertilizer is used, it should contain a large percentage of ammonia and potash. Plant eight to ten seeds in each hill, and finally, when danger from insects is past, thin out to three strong plants.

Owing to the large size of Watermelon seeds, the ounce size packets are about right for small gardens. One ounce of seed will plant 20 to 30 hills; 4 to 5 pounds will plant an acre

Tom Watson. An extra-long melon of attractive appearance, uniform in shape and quality. The luscious crimson flesh is "as sweet as honey," melting, and of superb flavor. The average melon will weigh 35 to 40 pounds and measure about 24 inches long and about 10 inches in diameter. It is very prolific, producing in greatest abundance the large, delicious fruits. (See illustration of specimen fruit.) We have the greatest faith in the **Tom Watson** and believe it is one of the very best Watermelons ever offered. Introduced only a few years ago, it has already taken a leading place with large melon-growers and shippers. We sell twice as much Tom Watson seed as any other variety. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts., postpaid. By express, not prepaid, 5 lbs. \$3, 10 lbs. \$5, 100 lbs. \$40.

SWEETHEART. Splendid for shipping—popular in the South. It is hard to beat as to quality and productiveness, and is a splendid shipper. Oval, very heavy, and with a rind which is very thin, but firm. In color it is a light green, slightly veined with a darker shade. The flesh is a bright red, very tender and sweet. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 80 cts., postpaid. By express, not prepaid, 5 lbs. \$3.75.

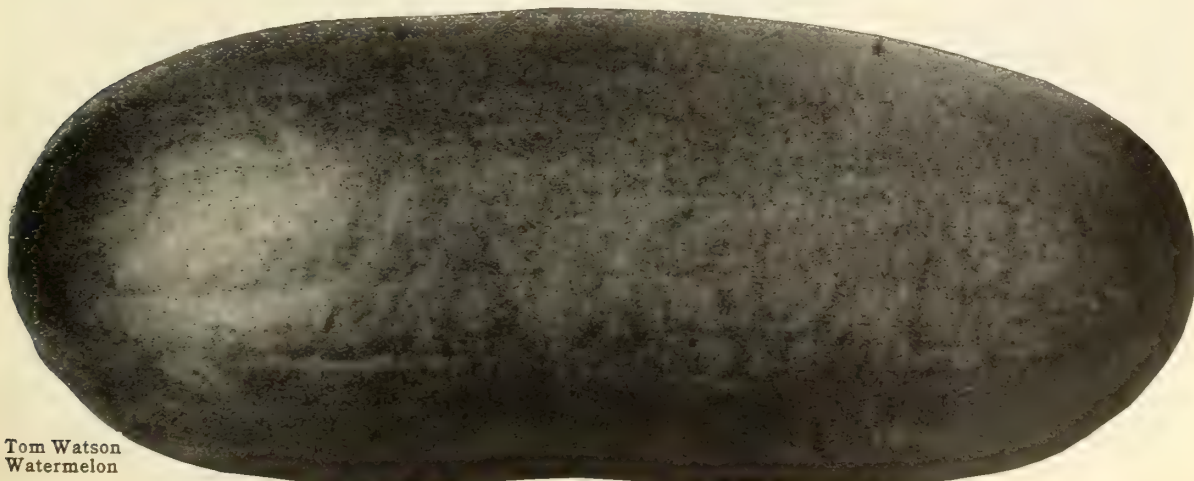
If wanted in larger quantities we will gladly quote special prices

Irish Grey. (New.) This new melon has been offered for a few seasons only, and is already becoming popular. The vine is very vigorous and holds up well, producing fruit until late summer. The rind is greenish grey in color, thin but very tough, hence a good shipper. Flesh is beautiful red and free from stringiness. Shape and size similar to Tom Watson. Well adapted for either market or home use. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.15, ppd.

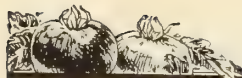
ALABAMA SWEETS. Large, dark green melons of oblong shape and fine quality; skin faintly netted with lighter green stripes. Flesh bright red, of delicious flavor. A good shipper. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 20 cts., lb. 65 cts., ppd.

Halbert Honey. A very sweet, long, dark green variety. Fruits average 18 to 20 inches long, have a thin rind and deep red meat of delightfully delicious flavor; pulp entirely free from stringiness; seeds white. One of the finest for the home-garden. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1, postpaid.

J. T. COBB, Riley County, Kans., writes as follows: *I purchased over 300 pounds of melon seed last year from you and it was very satisfactory.*



Tom Watson
Watermelon



Livingston's True Blue Seeds

Watermelons, continued

Livingston's Orange. The peculiarity of this fine melon is that when well ripened the inner core separates from the rind. Frequently one can lift the entire heart of the melon out of the shell or rind by carefully cutting the rind only. The heart may then be divided in sections of convenient size to serve. The inner portion of the melon quite resembles an orange after peeling, hence the name. The flesh of this melon is of a beautiful pink shade and of very fine quality. It grows to a medium size, is productive and, taken altogether, is a very desirable variety. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.25, postpaid.

Kleckley's Sweet. Also known as Monte Cristo. A great melon for home and nearby markets. This splendid Watermelon has certainly become very popular wherever it has been thoroughly tested. It is of superb luscious flavor. While the skin is, perhaps, too thin to admit of the melons being shipped very great distances to market, it is most desirable to plant for home use or local markets. The melons themselves are very large, oblong in form, with dark green skin, thin rind, which is very brittle. Flesh is bright scarlet, with solid heart, deliciously crisp, sugary and splendid in every way. The melons average from 18 to 20 inches in length by 10 to 12 inches in diameter; of handsome appearance; ripen early, and are most desirable for the home-garden. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 85 cts., postpaid. By express, not prepaid, 5 lbs. \$3.50, 10 lbs. \$6.50.

Chilian. A new white-seeded melon of fine quality, with a reputation already established in the Pacific States, and Old Mexico, and will, no doubt, become very popular elsewhere when it is better known. Fruits medium size, nearly round, or slightly oblong. Skin rich, deep green, indistinctly mottled and striped with a lighter shade. Flesh bright red, remarkably fine grained, firm and sweet; quality second to none. A good shipping melon, and keeps exceptionally well. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1, postpaid.

GEORGIA RATTLESNAKE, or STRIPED GYPSY. Very large, long, smooth and distinctly striped; flesh bright scarlet, very crisp and sweet. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts., postpaid.

COLE'S EARLY. Very hardy; a sure cropper for northern states. Delicate in texture of flesh, which is dark red; rind green, striped with lighter shades, thin and very brittle; of medium size, and nearly round; matures early; especially good for home use. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 80 cts., postpaid.

ROUND DARK ICING. One of the sweetest of all Watermelons. Very solid, thin rind; rich red flesh. Quite early and noted for its splendid quality. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 85 cts., postpaid.

ROUND LIGHT ICING. The fruits are small-medium, nearly round, greenish white, slightly veined or dotted with light green. The flesh is bright, light red, very sweet and tender. Seed white. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 85 cts., postpaid.

PEERLESS. One of the best for home-gardens and market-gardeners who deliver direct to customers. Medium size; flesh red, tender and delicious. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 90 cts., postpaid.



Livingston's
Orange
Watermelon

PHINNEY'S EARLY. One of the first to ripen; of good size and very productive; oblong; rind a distinct mottled color; flesh deep red; quality excellent. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts., postpaid.

FORDHOOK EARLY. The earliest and best melon of good size. Next to Cole's Early in time of ripening, but much larger. Fruit round; skin dark green; flesh is bright red, of fine quality. Good shipper. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 85 cts., postpaid.

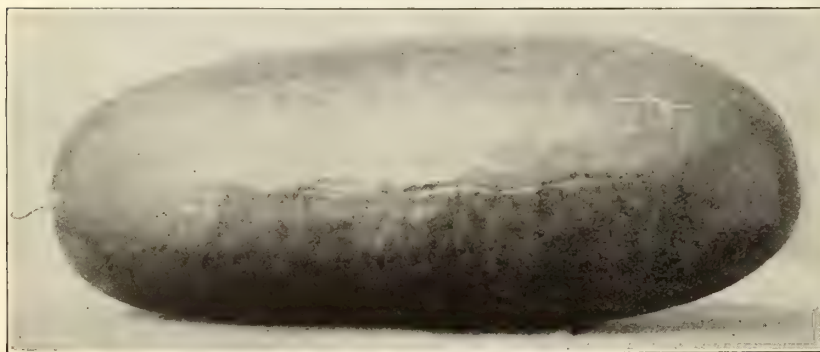
FLORIDA FAVORITE. A splendid oblong melon; ten days earlier than Kolb's Gem. Skin dark green, slightly mottled, with still deeper shade; flesh dark red and of the finest flavor and quality. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts., postpaid.

HARRIS' EARLIEST. One of the earliest good Watermelons. Large, oval sort, with mottled skin; sweet, tender flesh. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 80 cts., postpaid.

GREY MONARCH. Long Light Icing. Very large; oblong in shape; crimson, sweet flesh. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts., postpaid.

PRESERVING CITRON. Red-seeded. Most desirable for preserves; flesh solid and white. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 90 cts., postpaid.

Ice Cream. True White-Seeded. The great kitchen-garden and home-market Watermelon. This old standby has too thin a rind for shipping unless packed in straw. Few varieties, if any, surpass a true Ice Cream Watermelon for quality and productiveness. Of good size; medium early; fruit oblong; rind light mottled green; bright red flesh, and solid to the center; melting and delicious. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 85 cts., postpaid. By express, not prepaid, 5 lbs. \$3.50.



Ice Cream Watermelon

FRED SHIVELY, Delaware County, Ohio, writes: We received first prize for the largest Watermelon of Tom Watson variety. The seed was bought of you two years ago and it was exhibited at the Pumpkin Show at Delaware, Ohio.



Mushroom Spawn

Mushrooms may be grown in a shed, cellar, or cave, under the benches in greenhouses, in fact, in any place where conditions of temperature and moisture are favorable or can be controlled. We receive fresh Spawn several times a year from the best growers.

American Pure-Culture Spawn

Produced from original spore cultures under the new French process, which permits the indefinite reproduction of selected varieties without dilution of the strain, and free of any trace of the parasitic diseases of the Mushroom. Positively the most vigorous and prolific spawn on the market. Each brick weighs from 1¼ to 1½ pounds, and will spawn about 10 square feet of beds. Produces a crop very uniform in size and color. Per brick, 40 cts., postpaid. By express or parcel post, not prepaid, 5 bricks, \$1.30, 25 bricks, \$6.25.



American Pure-Culture Mushroom Spawn

CULTURAL LEAFLET WILL BE SUPPLIED ON APPLICATION

F. S. WISTERMAN & Co., Crawford County, Ohio, writes: *Please send at once ten bricks of Mushroom Spawn. That which you sent us last year was the best we ever had.*



Southern Giant Curled Mustard

Let us know of your success with Livingston's True Blue seeds. We want to pass the good words along to others. The more we can supply with our high-grade True Blue seeds, the less will be sold by unreliable dealers.

Genf Mustard Mostaza

The leaves are used as a salad or may be boiled like spinach. Sow seed in any good garden soil early in the spring, in rows 1½ to 2 feet apart and when well up thin out the plants so as to stand 8 to 10 inches apart. By making several sowings a week or so apart, the fresh tender leaves may be had throughout the season.

One ounce of seed will sow 50 feet of row

Southern Giant Curled.

Is highly esteemed in the South, where the seed is sown in the fall and plants used early in spring as a salad. Seeds brown. Plants are 2 feet high and produce large bunches of tender green leaves. Pkt. 5 cts., oz. 20 cts., ¼lb. 65 cts., lb. \$2, postpaid.

Fordhook Fancy.

The plants, of vigorous growth, have beautiful, dark

green, curled leaves. It is most productive from early spring sowings, and stands well, even during the hot summer months. Pkt. 5 cts., oz. 25 cts., ¼lb. 70 cts., lb. \$2.25, postpaid.

CHINESE. A giant curled variety with leaves of large size. The quick growth insures tenderness and mildness of flavor. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts., lb. \$1, postpaid.

WHITE ENGLISH. Leaves are light green, mild, and tender when young. Seed light yellow in color and is used in pickles. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 85 cts., ppd.

Okra, or Gumbo

Very wholesome. The pods, when young, make fine soup and are also used in mixed vegetable soups. Plant seed after the ground is warm and dry in drills 3 feet apart, thinning the young plants to 1 foot apart. Make early and late sowing to secure a supply throughout the season. Easy to grow in any good garden soil.

One ounce of seed will sow 40 feet of drill

White Velvet. Distinct in appearance; the large pods are perfectly round, smooth, and attractive velvety white, of superior flavor and tenderness. Plant dwarf, of compact branching growth; very prolific. Pkt. 5c., oz. 10c., ¼lb. 25c., lb. 75c., postpaid.

Perkins' Mammoth. Plant dwarf; is very attractive. Produces beautiful, long, slender, deep green pods, which remain tender a long time. An extra-good variety. (See illustration alongside.) Pkt. 5c., oz. 10c., ¼lb. 25c., lb. 75c., postpaid.

Kleckley's Favorite. Plants are of compact growth, with many close joints. At each leaf-joint develop handsome, smooth, white pods which average 6 inches long by 1 inch in diameter. They are exceptionally fleshy and tender. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts., lb. 65 cts., postpaid.

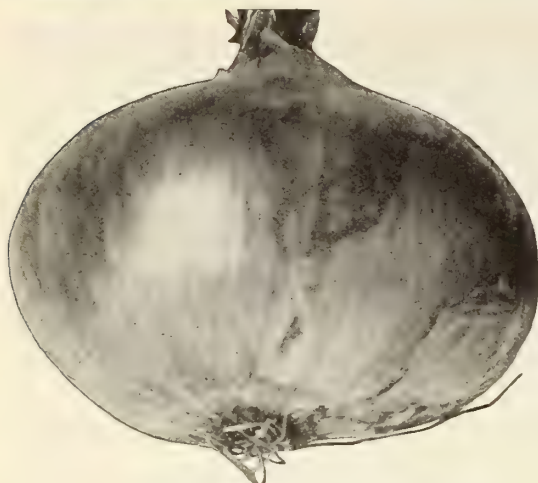


Perkins' Mammoth Okra

Prices quoted in this Catalogue are subject to change without notice



Livingston's True Blue Seeds



Mountain Danvers Onion

New Mountain Danvers. This new sort is not as round as Globe Danvers, nor as flat as the Flat Danvers. It is one of the very earliest varieties and seems to ripen practically all the crop at once. Color is a beautiful dark yellow, shading to brown. It is an excellent keeper and shows less shrinkage than any other variety. The skin is thick and heavy, which makes it a good keeping and shipping sort. Grown for us on contract in Colorado, in altitudes which are peculiarly adapted to producing onions of extreme earliness and hardness. A fine sort to grow for sets on account of its good keeping qualities. Pkt. 10 cts., $\frac{1}{2}$ oz. 15 cts., oz. 20 cts., $\frac{1}{4}$ lb. 65 cts., lb. \$2, postpaid.

YELLOW DUTCH, or STRASBURG. One of the most popular varieties for growing yellow Onion sets. It is also a good-keeping, half-round sort for home use. We have a superior strain of this popular variety. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.25, ppd.

AUSTRALIAN BROWN. This variety has become very popular because of its good keeping qualities. The bulb is medium-sized, nearly spherical, being slightly flattened; reddish brown in color and very solid. One of the best for growing small, round, hard, long-keeping sets. Pkt. 5 cts., $\frac{1}{2}$ oz. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.25, postpaid.

YELLOW GLOBE DANVERS. Of large size, an early and abundant cropper, very thick bulb, flat or slightly convex bottom, full oval top with a small neck and rich brownish yellow skin. We consider our strain of Globe Danvers just right for critical growers. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 65 cts., lb. \$2, postpaid. By express, not prepaid, 5 lbs. \$9.25, 10 lbs. \$18.



Mammoth Prizetaker Onion

Choice Onion Seeds

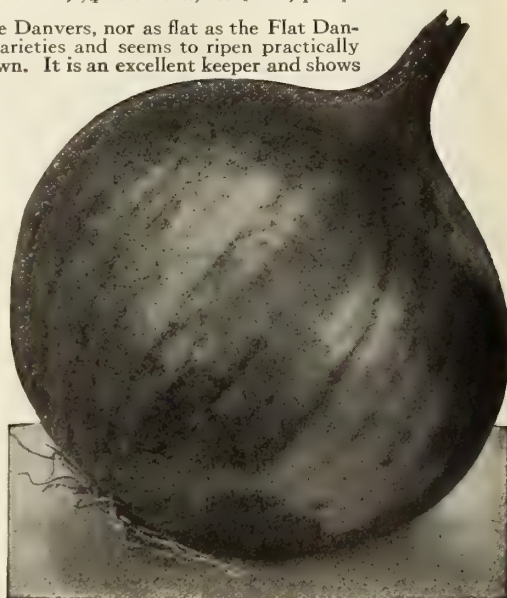
Zwiebeln Cebollas

Culture.—Onion seed should be sown as early in the spring as possible to get the ground in shape, even though the weather is cold. Thorough preparation of the soil is one of the most essential points in successful Onion-growing. Onions delight in a rich, deep, sandy loam, but excellent yields can be obtained from heavier soils properly fertilized. Sow the seed in drills 12 to 14 inches apart and about $\frac{1}{4}$ to $\frac{1}{2}$ inch deep. After they are well started, or about 3 to 4 inches high, thin out to stand 2 to 4 inches apart, keeping them well hoed and free from weeds at all times.

Complete cultural leaflet free to customers

SOUTHPORT YELLOW GLOBE. Produces large, perfectly globe-shaped bulbs. Color of the skin is brownish yellow. Flesh white, fine-grained and crisp. Quite similar to Yellow Globe Danvers, but a little later and of larger size. Pkt. 5 cts., $\frac{1}{2}$ oz. 15 cts., oz. 25 cts., $\frac{1}{4}$ lb. 70 cts., lb. \$2.25, postpaid. By express, not prepaid, 5 lbs. \$8.50, 10 lbs. \$16.

YELLOW FLAT DANVERS. A splendid extra-early yellow Onion for market or home use, and for sets. Flatter than the Globe Danvers; long keepers; flesh white, fine quality. Pkt. 5 cts., $\frac{1}{2}$ oz. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.25, postpaid.



Ohio Yellow Globe Onion

Ohio Yellow Globe. **Sure Cropper; Long Keeper; Early.** This fine strain is of that extreme type of Globe now so deservedly popular in all large Onion markets. Its main points of excellence are: **Distinct and attractive shape; handsome, bright, even color; necks very small; ripens early and all at once.** The solid bulbs are **excellent winter keepers**, and all that can be desired in size and quality. This is a superb Onion for all classes of soil (well enriched). Pkt. 10 cts., $\frac{1}{2}$ oz. 15 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50, postpaid. By express, not prepaid, 5 lbs. \$10.50, 10 lbs. \$20.

APANESE (EBENEZER). This is the mildest yellow Onion in our list. The Onions are large (often 4 inches in diameter), somewhat flattened, have attractive yellow skin and firm white flesh of delicate flavor; very small top and ripens quite early for so large a variety. Pkt. 10 cts., $\frac{1}{2}$ oz. 20 cts., oz. 30 cts., $\frac{1}{4}$ lb. \$1, lb. \$3.50, prepaid.

Mammoth Yellow Prizetaker. Enormous size—15 to 16 inches in circumference. Is hardy and a good keeper for one of such mild flavor. It ripens up firm and very fine grained. Skin rich yellow, flesh white. Has produced more bulbs of marketable Onions to the acre than any other variety. Often grown by the transplanting method. Our seed stock is American grown. Pkt. 10 cts., $\frac{1}{2}$ oz. 15 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50, postpaid.



Onions, continued

Southport White Globe.

The handsomest Onion grown. Of beautiful silvery white, perfectly globe-shaped, uniform in size. Flesh firm, fine-grained, solid, and of pleasant flavor. Very small neck. Our stock of this important variety has been giving good satisfaction. Pkt. 10 cts., $\frac{1}{2}$ oz. 20 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1.25, lb. \$4.50, postpaid.

Philadelphia White Silverskin.

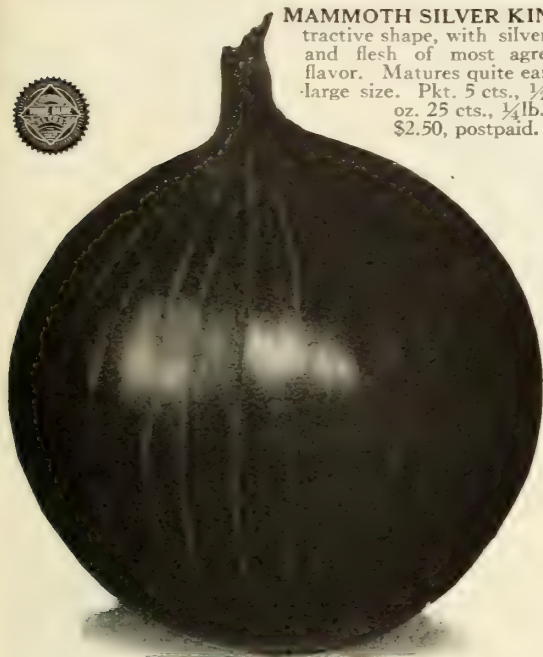
A good-sized white variety when full grown, and makes a most beautiful, firm, round, white Onion set, for which it is very extensively grown the country over. Pkt. 10 cts., $\frac{1}{2}$ oz. 15 cts., oz. 25 cts., $\frac{1}{4}$ lb. 80 cts., lb. \$2.75, postpaid.

WHITE PORTUGAL, or SILVERSKIN. Matures early; rather flat in shape; mild flavor, excellent for winter; very much esteemed for pickling when small. Pkt. 10 cts., $\frac{1}{2}$ oz. 15 cts., oz. 25 cts., $\frac{1}{4}$ lb. 80 cts., lb. \$2.75, postpaid.

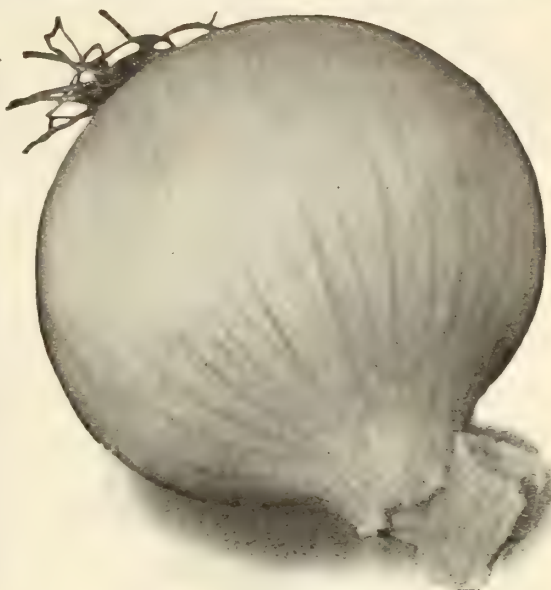
Indiana Silverskin.

This is a strain of pure white Onion that produces round, hard Onion sets, for which we highly recommend it to you. The bulbs when fully matured are flat and one of the best keeping white varieties. Pkt. 10 cts., $\frac{1}{2}$ oz. 15 cts., oz. 25 cts., $\frac{1}{4}$ lb. 80 cts., lb. \$2.75, postpaid.

MAMMOTH SILVER KING. Of attractive shape, with silver-white skin and flesh of most agreeable mild flavor. Matures quite early and is of large size. Pkt. 5 cts., $\frac{1}{2}$ oz. 15 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50, postpaid.



Southport Red Globe Onion



Southport White Globe Onion

EXTRA-EARLY WHITE BARLETTA. The very earliest Onion in cultivation. One of the best for pickling, being naturally quite small. Pure white, mild and delicate. Pkt. 5 cts., $\frac{1}{2}$ oz. 15 cts., oz. 25 cts., $\frac{1}{4}$ lb. 70 cts., lb. \$2.25, postpaid.

Southport Red Globe.

The handsomest of all the red Onions; large and of perfect shape. Red Globe is the largest of the Southport Onions, ripening from a week to ten days after the yellows. The bulbs are remarkably uniform in shape, of a rich red color, ripen evenly and yield a large percentage of marketable Onions. Flesh pinkish white. They ripen down hard, keep well, and their beautiful appearance helps to sell them. Southport Red Globe will yield a heavier crop than the Yellow or White Globe. Our strain of the Red Globe is unsurpassed. Pkt. 10 cts., $\frac{1}{2}$ oz. 15 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50, postpaid.

LARGE RED WETHERSFIELD. This is a standard red variety. Large size; skin deep purplish red; form round, somewhat flattened; flesh purplish white. One of the best keepers. A great yielder. Pkt. 5 cts., $\frac{1}{2}$ oz. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75, postpaid.

EXTRA-EARLY RED. Medium size; very uniform in shape; smaller than Large Red Wethersfield, but two weeks earlier; good keeper; desirable for early market and planting in the North. Pkt. 5 cts., $\frac{1}{2}$ oz. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.65, postpaid.

Onion Sets

Our Set Prices are based on the present market rates and are subject to market changes. It is impossible for us to make fixed prices. Lowest market prices on large or small quantities will be given on application at any time. A pound of Sets is equal to about a quart measure.

Early green Onions are obtained much earlier by setting out sets than by sowing seed. Some of the latter, however, should be sown to follow the crop grown from the Onion Sets. Plant both Onion Sets and Seed as soon as the ground is warm and dry in the spring.

WHITE. $\frac{1}{2}$ lb. 20 cts., lb. 35 cts., postpaid.

RED. $\frac{1}{2}$ lb. 20 cts., lb. 35 cts., postpaid.

YELLOW or BROWN. $\frac{1}{2}$ lb. 20 cts., lb. 30 cts., postpaid.

Ask for prices on large quantities of Sets

GEORGE W. SUTHERLAND, Genesee County, Mich., writes: It is a pleasure to again send my order to you. I had wonderful results from your seeds last year and it was a pleasure to recommend them to my many friends, as they admired the product. My motto is to have the best, and for this reason I am again getting Livingston's "True Blue" Seeds, which deserve the name.



Silverskin Onion



Livingston's True Blue Seeds

Erbfen Garden Peas *Chicaros o Guisantes*



Little Marvel

Peas thrive better if the ground has been manured for a previous crop, but if the ground is poor and requires enriching, use well-rotted manure, and for the dwarf varieties you can hardly make the soil too rich. When grown as a market crop, Peas are seldom staked or bushed, but are sown in single rows 3 to 4 inches deep, the depth depending on the time of sowing, nature of the soil, as well as the variety. Wrinkled varieties are not so hardy as the smooth sorts, and if planted early should have dry, warm soil, and covered only about 1 inch, or they are liable to rot in the ground. These wrinkled varieties are, however, the sweetest and best flavored. Rows for planting should be from 2½ to 3½ feet apart, according to the kind, soil, and manner of culture desired. When grown in the kitchen garden it is best to sow the seed in double rows, 6 to 8 inches apart, the tall sorts doing better on trellis or brush.

Two pounds sow 100 feet of row; 1½ bushels will sow an acre

OUR PEA PRICES include postage up to and including two pounds. If any of the larger amounts are wanted sent by mail it will be necessary to remit extra to cover postage at the parcel post rates. See page 10.

Livingston's First-in-Market. Comes into bearing about a week earlier than Prolific Early Market. An excellent variety, very profitable for the gardener and shipper because it ripens uniformly, so that almost every pod may be gathered at one picking. The pods are handsome, straight, and full of medium-sized round Peas of superior quality. It is immensely productive for such an early sort. One of the finest strains of extra-early Peas. Pkt. 10 cts., ½lb. 25 cts., lb. 40 cts., 2 lbs. 70 cts., postpaid. By express, not prepaid, 7 lbs. \$1.50, 14 lbs. \$2.75.

EXTRA-EARLY ALASKA. The earliest of all blue Peas. Grows about 30 inches tall; very uniform in maturing the crop. Of good quality and retains that desirable green color after cooking. Our strain is especially fine, having been carefully selected by our grower for many years. Pkt. 10 cts., ½lb. 25 cts., lb. 40 cts., 2 lbs. 70 cts., postpaid. By express, not prepaid, 7 lbs. \$1.65, 14 lbs. \$3.

Little Marvel. This Pea has been rightly named. It is an early wrinkled Pea, grows about 12 to 15 inches tall, and bears heavily. There is no earlier wrinkled Pea and the quality satisfies everybody. Pods dark green, 3 inches long, round with square end and often contain seven rich, dark green Peas. Pkt. 10 cts., ½lb. 25 cts., lb. 40 cts., 2 lbs. 70 cts., postpaid. By express, not prepaid, 7 lbs. \$1.65, 14 lbs. \$3.

PREMIUM GEM. A fine extra-early dwarf Pea. Pods are light green, round, with blunt end having an average of six light green Peas of good quality. Pkt. 10 cts., ½lb. 25 cts., lb. 40 cts., 2 lbs. 70 cts., postpaid. By express, not prepaid, 7 lbs. \$1.40, 14 lbs. \$2.50.

AMERICAN WONDER. A leading dwarf wrinkled Pea, esteemed for earliness, productiveness, and quality. Robust in habit, growing about 10 inches high, and produces a profusion of good-sized pods, which are fairly packed with the finest flavored Peas. Pkt. 10 cts., ½lb. 20 cts., lb. 35 cts., 2 lbs. 60 cts., postpaid. By express, not prepaid, 7 lbs. \$1.50, 14 lbs. \$2.75.

MARKET SURPRISE. A Large-podded Extra-Early. The pod is large, measuring about 3¼ inches in length, and ½ inch in width; the picking season a little longer than that of First-in-Market. As a sort to follow Extra-Early Alaska, it will prove a dandy good one. Pkt. 10 cts., ½lb. 25 cts., lb. 40 cts., 2 lbs. 70 cts., postpaid. By express, not prepaid, 7 lbs. \$1.40, 14 lbs. \$2.50.

CARTER'S EIGHT WEEKS. As the name indicates, this is one of the very earliest sorts. The vine is very dwarf, growing only 8 to 10 inches in height and is very uniform. The pods while not large, are well filled with Peas of good quality. This is an exceptionally fine variety for the small kitchen-garden. Pkt. 10 cts., ½lb. 25 cts., lb. 40 cts., 2 lbs. 70 cts., postpaid. By express, not prepaid, 7 lbs. \$1.40, 14 lbs. \$2.50.

Peter Pan. Produces large pods filled with Peas of highest quality. It has vigorous, large, dark foliage and stands about 15 to 18 inches in height. Peter Pan is the "last word" in this class of large-podded, dwarf-growing sorts, with dark green foliage, pods, and Peas. Pkt. 10 cts., ½lb. 25 cts., lb. 40 cts., 2 lbs. 75 cts., postpaid. By express, not prepaid, 7 lbs. \$1.75, 14 lbs. \$3.25.

Livingston's Prolific Early Market. None of the numerous extra-earlys compare with Livingston's Prolific Early Market in length of pod, number of Peas in a pod, or number of pods to the vine. Many single plants yield forty to fifty fully developed pods. The quality is the very best, one of the sweetest and finest flavored of the early smooth varieties. Vines grow about 30 inches in height. Large pkt. 10 cts., ½lb. 25 cts., lb. 40 cts., 2 lbs. 70 cts., postpaid. By express, not prepaid, 7 lbs. \$1.40, 14 lbs. \$2.50.

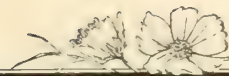
J. W. SHAW, Westmoreland, Pa., writes: *If my Pea crop of Livingston's Prolific Early Market does as well as last year I will have it photographed and send you a copy. They certainly were fine.*



Peter Pan



Prolific Early Market



Pioneer. A new large-podded early wrinkled Pea of great promise. The vines are extremely vigorous, growing 15 to 18 inches high, with dark green pods $3\frac{3}{4}$ inches long which are filled with big Peas of delicious flavor. It is one of the earliest wrinkled Peas, coming about the same season as Gradus, but a heavier cropper. Pkt. 10 cts., $\frac{1}{2}$ lb. 25 cts., lb. 45 cts., 2 lbs. 80 cts., postpaid. By express, not prepaid, 7 lbs. \$1.90, 14 lbs. \$3.50.

Laxtonian. This is a giant-podded, early dwarf Pea—the same size and quality as Gradus, but more dwarf. It is really a dwarf Early Telephone in size, quality, and appearance. Pkt. 10 cts., $\frac{1}{2}$ lb. 25 cts., lb. 45 cts., 2 lbs. 80 cts., postpaid. By express, not prepaid, 7 lbs. \$1.90, 14 lbs. \$3.50.

TELEPHONE. A favorite late variety for the market gardener. Extra-large pods. Vine large, with coarse leaves; height about 4 feet. The light green pods are very large and filled with large Peas. Tender, sweet and of splendid quality and flavor. Pkt. 10 cts., $\frac{1}{2}$ lb. 25 cts., lb. 40 cts., 2 lbs. 70c., postpaid. By express, not prepaid, 7 lbs. \$1.65, 14 lbs. \$3.

STRATAGEM. The vines are strong, vigorous and covered with immense pods, 5 inches in length and containing as high as ten large, richly flavored wrinkled Peas. Pkt. 10 cts., $\frac{1}{2}$ lb. 25 cts., lb. 40 cts., 2 lbs. 70 cts., postpaid. By express, not prepaid, 7 lbs. \$1.65, 14 lbs. \$3.

LIVINGSTON'S PROLIFIC GIANT-PODDED SUGAR. Vines are about 3 to 4 feet in height. The pods are gigantic in size, broad, sweet, and tender, extremely fleshy and unequalled for cooking, pods and all. Pkt. 10 cts., $\frac{1}{2}$ lb. 30 cts., lb. 50 cts., 2 lbs. 90 cts., postpaid. By express, not prepaid, 7 lbs. \$2.45, 14 lbs. \$4.25.

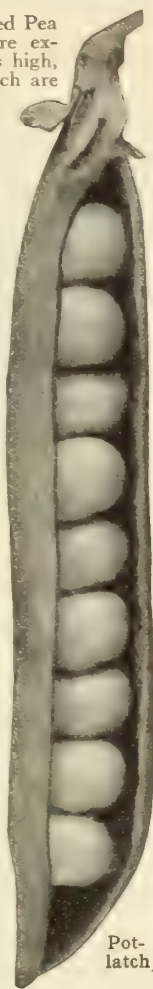
Alderman (Dark-podded Telephone). A late wrinkled variety growing 4 to 5 feet high and bearing freely large pods of a dark green color and on this account considered by many, superior to Telephone. Quality extra fine. Pkt. 10c., $\frac{1}{2}$ lb. 25c., lb. 40c., 2 lbs. 70c., postpaid. By express, not prepaid, 7 lbs. \$1.50, 14 lbs. \$2.75.

YANKEE PRINCE. A fine type of large, medium-green, large-podded sort. Height of vine 4 feet; pods 4 to 5 inches long and contain eight to nine Peas of fine quality. Pkt. 10c., $\frac{1}{2}$ lb. 25c., lb. 40c., 2 lbs. 70c., postpaid. By express, not prepaid, 7 lbs. \$1.65, 14 lbs. \$3.

Thomas Laxton. The vine grows about 3 feet high, much like that of the Gradus, or Prosperity. Pods large, long, with square ends, uniformly well filled. The green Peas are very large, fine colored and unsurpassed in quality. Pkt. 10c., $\frac{1}{2}$ lb. 25c., lb. 40c., 2 lbs. 70c., postpaid. By express, not prepaid, 7 lbs. \$1.65, 14 lbs. \$3.

Ask for prices on Peas in large quantities. It will pay you

GEO. DIDLAKE, of Mississippi, writes: *Your Gradus Peas are the truest to type, and make the finest pods I have ever seen.*



Potlatch.

SUTTON'S EXCELSIOR.

A fine wrinkled Pea, quite hardy and may be planted with the hard-seeded varieties. The plants are dwarf (about 15 inches high), of vigorous growth and productive. Pods light green, $3\frac{1}{2}$ inches long, straight and square ended, containing seven or eight bright green Peas, and the quality is all that could be desired. Matures within a few days of Nott's Excelsior. Pkt. 10 cts., $\frac{1}{2}$ lb. 20c., lb. 35 cts., 2 lbs. 65 cts., postpaid. By express, not prepaid, 7 lbs. \$1.50, 14 lbs. \$2.75.

NOTT'S EXCELSIOR.

This fine, extra-early, dwarf, wrinkled Pea is very popular. Foliage dark green and rather heavy, suggesting health and vigor. On good soil grows about 1 foot high. Pods 3 inches long, filled with six large sweet Peas, and all are ready to pick at once. A great yielder. Pkt. 10 cts., $\frac{1}{2}$ lb. 25 cts., lb. 40 cts., 2 lbs. 70 cts., postpaid. By express, not prepaid, 7 lbs. \$1.50, 14 lbs. \$2.75.

McLEAN'S ADVANCER.

The leading Pea for second early. Excellent flavor; very productive. It is a wrinkled variety, growing about 2 feet in height. Has pods 3 inches long and well filled to the end. Ripens so uniformly that the vines can usually be picked clean in two pickings. Pkt. 10c., $\frac{1}{2}$ lb. 20c., lb. 35c., 2 lbs. 60c., postpaid. By express, not prepaid, 7 lbs. \$1.20, 14 lbs. \$2.

Gradus, or PROSPERITY. (See illustration.) This extra-fine variety combines earliness with large size in a green wrinkled Pea. In earliness, the Gradus follows closely after the first earliest. In height, they grow about $2\frac{1}{2}$ feet. The pods are long, straight, and well filled with luscious sweet Peas of superb quality. It produces most uniformly large pods, measuring 4 to $4\frac{1}{2}$ inches in length and well filled with large, handsome Peas. Pkt. 10 cts., $\frac{1}{2}$ lb. 25 cts., lb. 40 cts., 2 lbs. 70 cts., postpaid. By express, not prepaid, 7 lbs. \$1.50, 14 lbs. \$2.75.

Potlatch. A late variety of great value, growing 15 to 18 inches high, with very large pods, measuring up to 6 inches in length. Vines and pods are a rich, dark green, and pods contain eight or nine immense Peas. The plant is a vigorous grower and the pods are borne in pairs. It is a great producer and the quality of Peas which shell out is surprising. Said to be an improvement on Stratagem. Pkt. 10 cts., $\frac{1}{2}$ lb. 25 cts., lb. 40 cts., 2 lbs. 70 cts., postpaid. By express, not prepaid, 7 lbs. \$1.75, 14 lbs. \$3.25.

Livingston's Home Collection of the Three Best Peas for the Private Garden

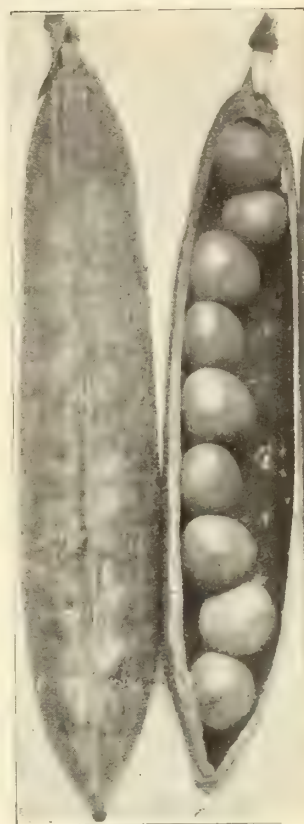
The varieties contained in this collection are all superior sorts—sweet, tender and delicious. It contains early, medium, and late sorts, and will supply the table with a succession of luscious Peas for a long period.

PROLIFIC EARLY MARKET. For length of pod, number of Peas to the pod, and number of pods to the vine, it is a wonder.

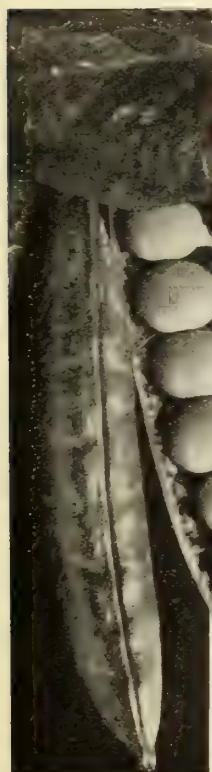
GRADUS. Produces most uniformly large pods; medium early.

POTLATCH. A large dark-podded sort; eight or nine Peas to the pod; fine quality.

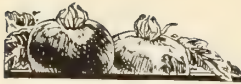
One 10-ct. packet each of best 3 Peas, 25 cts.; 1 lb. each, \$1, postpaid.



Gradus, or Prosperity



Thomas Laxton



Livingston's True Blue Seeds

Pepper

Peppers

Pimento

Peppers should be started in a hotbed or coldframe and transplanted about the end of May into a sunny corner of the garden, in rows about 2 feet apart, with the plants about the same distance between them in the rows. They can also be sown in open ground in a prepared seed-bed when all danger from frost has passed and the weather has become settled and the soil warm. When the little plants are about 3 inches in height, transplant as above into the rows where they are to remain. Some very rich fertilizer stirred into the soil when the plants are about 6 inches high, will be found very beneficial to the crop. The Peppers intended for mangoes should not be grown near the hot varieties, or they will partake of their fiery nature.

One ounce of seed will produce about 1,500 plants

Livingston's Extra-Early Red Prolific. This variety has been selected and perfected for a number of years and the crop on our farm this season was very true, no variations being noticed. It is very early, bright red and exceedingly prolific. The fruits set on when the plants are only a few inches in height. It is a very sure cropper on all kinds of soil. The fruits are of good large size for so early a sort, averaging 4 inches in length by 3 inches in diameter at the top. Livingston's Extra-Early Red Prolific is similar to our Prolific Yellow, except in color. It is a valuable sort for first-early crop to the market-gardener as the extra-early green fruits are ready for sale a long time before the large late varieties are large enough. Then, again, the ripe red fruits are equally as early for market, thereby permitting two chances for selling them before the large late sorts can compete with them. This is a real good thing in an early variety. Try this one. Pkt. 15 cts., $\frac{1}{2}$ oz. 35 cts., oz. 60 cts., $\frac{1}{4}$ lb. \$2, lb. \$7, postpaid.

Livingston's Prolific Yellow. Very early, very productive, very mild. Introduced by us in 1914. Immensely productive of bright yellow fruits of the most convenient size for stuffing. Comes into bearing much sooner than the mammoth sorts, and is the surest crop of all. It may be used for stuffing while yet green. On account of the mildness and thick walls of Livingston's Prolific Yellow Pepper, it is one of the finest for use in salads or pickles. Pkt. 10 cts., $\frac{1}{2}$ oz. 25 cts., oz. 40 cts., postpaid.

Livingston's Ohio Crimson. The sweetest and biggest Mango Pepper. Introduced by us in 1906. Habit of growth robust and stocky, and a sure cropper. The fruit is extra large. In weight Livingston's Ohio Crimson is much heavier than other varieties, owing to thicker flesh. In flavor it is the mildest we have ever known as the flesh, and even the seeds, may be eaten from the hand without any of the fiery sensation. Splendid for making mangoes. Pkt. 10 cts., $\frac{1}{2}$ oz. 25 cts., oz. 45 cts., $\frac{1}{4}$ lb. \$1.50, lb. \$5.50, postpaid.



Livingston's Extra-Early Red Prolific

RUBY GIANT. A variety somewhat similar to Ruby King, but the fruits are larger and a little broader at the blossom end. The flesh is very thick, firm and mild. Pkt. 10 cts., $\frac{1}{2}$ oz. 20 cts., oz. 30 cts., $\frac{1}{4}$ lb. 90 cts., lb. \$3.25, postpaid.



Mammoth Ruby King

Chinese Giant. It is of mammoth size, splendid shape, beautiful rich, glossy bright red flesh, and mild flavor. Its strong, bushy plants, which are loaded with the splendid large fruits, begin bearing quite early. Has few seeds, hence necessarily high in price. Pkt. 10c., $\frac{1}{2}$ oz. 25 cts., oz. 45 cts., $\frac{1}{4}$ lb. \$1.40, lb. \$5, postpaid.

World Beater. Said to be a cross between Ruby King and Chinese Giant. The shape is like Ruby King, only the blossom end is broader, and the size nearly equal to Chinese Giant. The plant is a strong, vigorous grower and very prolific. The fruit is a beautiful scarlet in color and exceedingly mild. The flesh is thick and firm, making this variety an excellent shipper; very popular in the South. Pkt. 10 cts., $\frac{1}{2}$ oz. 20 cts., oz. 30 cts., $\frac{1}{4}$ lb. 85 cts., lb. \$3, postpaid.

Royal King. Royal King is very thick-meated, averaging about as thick again as the old type of Ruby King and others of the Bell type. It is perfectly sweet and free from pungency; a heavy bearer and a good shipper. One party says: "We have grown and shipped thousands of bushels of this Pepper in the past and could often make sales of it in markets that were glutted with other sorts." Pkt. 10 cts., $\frac{1}{2}$ oz. 20 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1.10, lb. \$3.75, postpaid.

NEAPOLITAN. This is the earliest of the large, mild red Peppers, grows about 2 feet high and is completely laden with fine Peppers about 4 inches long and $1\frac{1}{2}$ to 2 inches in diameter. Worthy of a place in every garden. Pkt. 10 cts., $\frac{1}{2}$ oz. 20 cts., oz. 30 cts., $\frac{1}{4}$ lb. \$1, lb. \$3.50, postpaid.

LARGE BELL, or BULL NOSE. Sweet Mountain. An early variety and of mild flavor except in hot, dry seasons. The skin is quite thick and fleshy; of medium size; is quite popular in some sections. Pkt. 10 cts., $\frac{1}{2}$ oz. 15 cts., oz. 25 cts., $\frac{1}{4}$ lb. 80 cts., lb. \$2.75, postpaid.

Mammoth Ruby King. Our Mammoth Ruby King Pepper is one of the largest and finest mild red Peppers in cultivation. Not only is it very productive for so large a Pepper, but its splendid size and handsome appearance make it sell most readily in any market. The plants are vigorous, stocky, dwarf; very bushy, growing about 2 feet in height. They are well branched; thickly set with large fruits, some 5 to 6 inches long by about 3 inches thick. They can even be sliced and eaten with salt and vinegar (like tomatoes or cucumbers), and are most appetizing. Pkt. 10 cts., $\frac{1}{2}$ oz. 20 cts., oz. 30 cts., $\frac{1}{4}$ lb. 85 cts., lb. \$3, postpaid.

Mr. DAVID ANDERSON, Bexar County, Texas, writes: *Will say that your Ohio Crimson Pepper was the best this spring I have ever seen. I ordered several different varieties in the last Pepper order I gave you, but the Ohio Crimson beat them all.*



Sunnybrook
Pepper

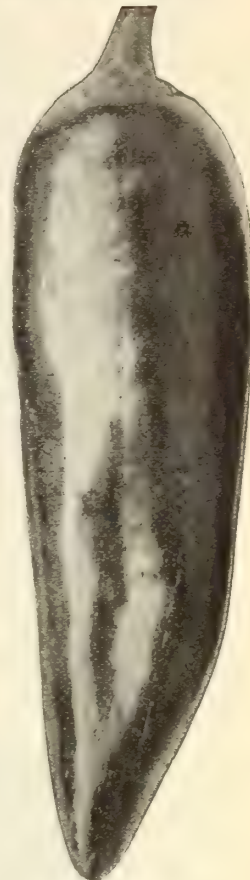
Peppers, continued

SUNNYBROOK. The Sunnybrook is larger than the older type of the tomato-shaped Pimento. It comes into bearing early, has very thick, sweet flesh, and is brilliantly red. It is very productive. The best sort for most sections. Pkt. 15 cts., $\frac{1}{2}$ oz. 40 cts., oz. 75 cts., $\frac{1}{4}$ lb. \$2.50.

TOMATO-SHAPED (Pimento). This popular old variety is used extensively by the Spanish people in their Pimento salads. It is a thick-meated sort of mild flavor, being brilliant red in flesh, comes early, and is productive. Pkt. 10c., $\frac{1}{2}$ oz. 25 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.25, lb. \$4.25, ppd.

Sweet Salad, or PIMENTO. Also known as "Perfection." This Pepper is especially desirable for canners. It is also fine for the home-garden, both green and ripe. It is smooth and uniform in shape. The meat is about twice as thick as that of the older types of Pimento. Quality very sweet, delicious and entirely free from pungency. Color when ripe a beautiful scarlet. Very productive. Pkt. 10 cts., $\frac{1}{2}$ oz. 20 cts., oz. 30 cts., $\frac{1}{4}$ lb. \$1, lb. \$3.50, ppd.

SMALL CAYENNE (Red Chili). Pods $1\frac{1}{2}$ inches long; very hot; used for making pepper sauce.



Improved Thick Long
Red Pepper

Pkt. 10 cts., $\frac{1}{2}$ oz. 20 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1.15, postpaid.

LONG RED CAYENNE. Three to 4 inches long and $\frac{1}{2}$ to $\frac{3}{4}$ inch in diameter. Hot. Pkt. 10 cts., $\frac{1}{2}$ oz. 20 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1.15, postpaid.

"RED HOT" MIXTURE. Includes a number of small and ornamental sorts, which are as "hot as fire." Pkt. 10 cts.

MIXED MANGO PEPPERS. A choice mixture containing a large number of sweet varieties suitable for stuffing and mangoes. Pkt. 10 cts.

Livingston's Improved Thick Long Red. Introduced by us in 1899. A great improvement on the ordinary Long Red Cayenne.

Pods of about the same length, but much thicker. (See illustration which is of average size.) The flesh is fully double the thickness. They are grown almost exclusively for some markets. Exceedingly prolific; are very hot and have handsome bright red pods. Produced early in the season while prices are high. Pkt. 10 cts., $\frac{1}{2}$ oz. 25 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.30, lb. \$4.50, postpaid.

Speiße Kürbiß

Pumpkin

Calabazas

Pumpkins are not so particular in regard to soil as melons or cucumbers, but in other respects are cultivated in a similar manner. Sow in the month of May, when you plant your corn. Make hills, the same as you do for squashes, but about 8 to 10 feet apart each way. It is preferable to grow Pumpkins in the field, and not in the garden, as they always mix with the squashes and other vines. You can sow some amongst your late corn, putting in a few seeds, say every third or fourth hill. This will give you plenty for the table, and your stock the coming winter.



Small Sweet or Sugar Pumpkin

One ounce of seed will plant 15 hills; 3 to 4 pounds will plant an acre

Small Sweet, or SUGAR. This is the small, sweet Pumpkin that has made the New England States famous for their Pumpkin pies. It is a very fine-grained, most deliciously sweet-flavored sort. Splendid keeper. They average about 10 inches in diameter; of deep orange-yellow color. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1, postpaid.

Large Sweet, or KENTUCKY FIELD. Large, round, flattened, hardy and productive. One to 2 feet in diameter. It has thick orange flesh of extra-line quality and is a splendid sort for canning, family, and market use; used largely for stock feeding. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 20 cts., lb. 65 cts., postpaid.

Common Yellow Field, YANKEE COW, or CONNECTICUT FIELD. The common Yellow Field Pumpkin cultivated by farmers for stock-feeding, and is used to some extent for canning. Very productive. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts., postpaid.

LARGE SWEET CHEESE. One of the best for canning. Has heavy, thick, sweet meat; large, round, flattened variety, skin generally of creamy buff, but occasionally there are green-skinned specimens; both have orange flesh. An excellent keeper, and very productive; good quality. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 20 cts., lb. 65 cts., postpaid.

GENUINE MAMMOTH, or TRUE POTIRON (King of the Mammoths). Of immense size, with depressed ends; slightly ribbed; often 2 feet in diameter and sometimes weighs over 200 pounds; skin salmon-color; flesh bright yellow, fair quality; great exhibition sort. Pkt. 10c., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.25, postpaid.

WINTER LUXURY. The fruits are of medium size, nearly round, and with very thick meat; flesh is light yellow; skin golden with gray netting; excellent for pies. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1, postpaid.

LIVINGSTON'S PUMPKIN MIXTURE. One sowing furnishes Pumpkins for the season. Especially offered to those who wish to grow a great collection for fall fairs. Large pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 50 cts., postpaid.

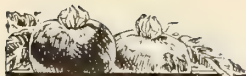
Rhubarb, or Pie Plant

Rhabarber Ruibarbo

Requires a deeply cultivated and thoroughly manured soil. Sow the seed early in the spring, in rows 1 foot apart. The second year after planting, plants can be removed in autumn to the permanent place in the garden allotted to them. Plant the roots 2 feet apart each way.

One ounce of seed will produce 500 plants

VICTORIA. In general use for market- and home-garden. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 65 cts., lb. \$2, postpaid.



Livingston's True Blue Seeds

Parsley

Peteršilje

Perejil

As the seeds germinate very slowly, three to four weeks sometimes elapses before the plants make their appearance. Seed should be sown early in the spring. Parsley is used for seasoning soups and stews, for salads, and is also very universally used for garnishing. It makes an ornamental border in the flower-garden. Succeeds best in a rich, mellow soil. Take up a few plants in the fall and put into 6 or 7-inch pots. Keep well watered and they will produce an abundance of leaves all winter, besides making very ornamental plants.

One ounce of seed will sow about 150 feet of drill

Champion Moss Curled.

A vigorous, compact sort, very fine for garnishing and flavoring. Owing to its uniformly deep green color and attractive foliage, it is one of the best for either market or home use. Densely crimped and curled. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.25, postpaid.

FINE DOUBLE CURLED. A standard dwarf variety having deeply cut and beautifully curled leaves. A very fine sort, largely grown by gardeners for market. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.25, postpaid.

Hamburg, or TURNIP-ROOTED. The fleshy roots of this variety resemble parsnips, and are used in soups and stews. The flesh is white and somewhat similar to celeriac (root celery). The roots may be dug and carried through the winter, like turnips, etc. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1, postpaid.



Livingston's
Exquisite Parsley

Livingston's Exquisite. The Finest Strain of Curled Parsley that has ever come

to our notice. One of the features in any variety of Parsley is the ornamental effect of its leaf when used for garnishing. This is a very strong point in our Livingston's Exquisite, with its very elegant and closely curled leaves of beautiful dark green, while the flavor is all that could be desired. As a pot plant for winter decoration it is simply "exquisite." Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.40, postpaid.



Large Sugar, or Hollow Crown Parsnips

Pastinate

Parsnips

Chiriva

Sow as early in the spring as the soil and weather will permit, in drills 15 inches apart and $\frac{1}{2}$ inch deep, in rich, well-manured ground, well dug. Cultivate often and keep free from weeds, especially while small, and thin to 4 inches apart in the rows. The roots improve by being left in the ground until spring, securing enough in pits or the cellar for winter use.

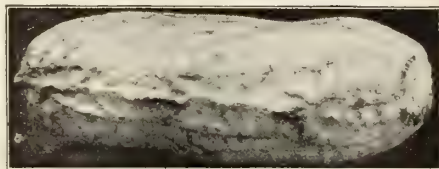
One ounce of seed to 200 feet of drill; 5 to 6 pounds for an acre

Large Sugar, or HOLLOW CROWN

(Improved Guernsey). The Hollow Crown is probably grown more universally than any other Parsnip. Roots white, smooth, sugary and of excellent flavor, easily harvested, 12 to 15 inches in length and often 3 inches in diameter at the top, with a hollow crown about the stem. (See illustration.) Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1, ppd.

LONG WHITE DUTCH. Roots are white, long, and smooth, with an elongated conical neck and of excellent quality. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1, postpaid.

Mrs. G. P. DUNCAN, Henrico County, Va., writes: *Hollow Crown Parsnips grown from your seeds last year measured over 4 inches in diameter and 12 inches in length and were uniform, sweet, tender all through, just delicious.*



Improved Large Virginia Peanut

Peanuts

SWEET SPANISH. The earliest variety grown. Pods are small, remarkably solid, well filled, and of an extra-fine quality. Yield per acre very large. Large pkt. 10 cts., $\frac{1}{4}$ lb. 15 cts., lb. 40 cts., postpaid. By freight or express, not prepaid, 3 lbs. 75 cts., 5 lbs. \$1.15, 10 lbs. \$2.

IMPROVED LARGE VIRGINIA. Very profitable variety to grow and easily cultivated; very erect. It has the largest pods and more kernels with fewer imperfect pods than any other variety. Vines make valuable forage for stock. (Bus. 22 lbs.) By mail, large pkt. 10 cts., $\frac{1}{4}$ lb. 15 cts., lb. 40 cts., postpaid. By freight or express, not prepaid, 3 lbs. 75 cts., 5 lbs. \$1.15, 10 lbs. \$2.

Prices in catalogue are quoted, subject to change without notice

LIVINGSTON'S HIGH-GRADE "TRUE BLUE" SEEDS have been supplied for 75 years, in ever-increasing volume, and under the same continuing management, which is now passing into the third generation of Livingston's born and raised to the growing and selling of Seeds. We are looking forward with pleasure to receiving your order again this year. Will you not tell us of your success with our "True Blue" Seeds?



Radieß

Radish

Rabanitos

All varieties thrive best in light, sandy loam. For early use, sow in the hotbed in February, giving plenty of ventilation, or outside in the garden, in drills, as soon as the soil is warm and dry, covering the seed about $\frac{1}{2}$ an inch deep. Sow every two weeks from March until September for a succession of crisp Radishes for table use. Radishes must grow rapidly to be crisp, mild flavored, and tender. We offer a very fine assortment.

One ounce of seed will sow 100 feet of drill; 8 to 10 pounds will plant an acre

Rosy Gem. Forcing strain of Scarlet Turnip White-Tip. One of the earliest; perfectly globular; rich brilliant scarlet at top, blending into pure white at bottom; tender and crisp. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.25, postpaid.

EARLY SCARLET TURNIP. Quite early, small, round Radish; skin, rich dark scarlet. A favorite for kitchen-gardens. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1, ppd.

Crimson Giant. It grows much larger than other extra-early varieties, but does not become pithy, even when fully twice as large in diameter and a week older; beautiful crimson-carmine; turnip-shaped; flesh firm, crisp, and tender. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.40, postpaid.

Cooper's Sparkler, or SCARLET TURNIP WHITE-TIP. A splendid variety of the Scarlet Turnip White-Tipped type, but showing more white, practically the whole lower part being white, while the upper half is a bright scarlet; good quality. Pkt. 10c., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.25, postpaid.

FRENCH BREAKFAST. Of quick growth, very mild and tender; of an oval form, scarlet tipped with white. One of the best real early sorts for the home-garden. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1, postpaid.

EARLY SNOWBALL. One of the quickest growing Radishes besides being one of the prettiest round varieties in the whole list; white as snow, smooth, crisp, and extremely tender. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1, postpaid.

Mr. FLOYD H. FERRELL, Hocking County, Ohio, writes: *I have had good success with your seeds last year, and I think they are surely "True Blue" Seeds indeed.*



Fireball Radishes

Non Plus Ultra, or FIREBALL. The earliest forcing Radish, deep, rich scarlet in color; tops very small; crisp, tender, white flesh. A little earlier than Scarlet Globe, but not quite so large. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.25, postpaid.

Saxa. (New.) This variety is of a beautiful scarlet color, round as a marble and having a very small top and tap-root. It comes so quick that it has been placed on the dining-table in three weeks from the time of sowing seed. The flesh of Saxa is very crisp, brittle, and juicy. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.40, postpaid.

MODEL WHITE BOX. Short top; of rapid growth; perfect turnip shape; extra-fine quality. Is especially suitable for growing under glass in frames. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1, postpaid.

EARLY GOLDEN YELLOW OVAL. A very fine olive-shaped variety. Flesh is white and tender. Fine for forcing or outdoor culture. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1, postpaid.

EARLY LONG SCARLET SHORT-TOP. Admirable for forcing; the leading outdoor quick-growing variety both for private and market-gardens; the average length is 6 to 8 inches; straight, uniform; tops small; bright scarlet in color; brittle and crisp. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.25, postpaid.

HALF-LONG DEEP SCARLET. Color deep, rich red. Shape half-long, tapering. Flesh pure white, crisp, tender, brittle, not becoming pithy for a long time. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1, postpaid.

IMPROVED CHARTIER. A clear rose-colored, long Radish, shading into pure waxy white at the tips; attains large size; grows very fast. Ready for use or market early; keeps crisp a long time. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1, postpaid.

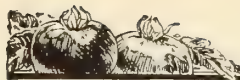
BRIGHTEST LONG SCARLET. (Cardinal White-tipped.) Extra-early; white-tipped; a rapid seller. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1, postpaid.

Early Scarlet Globe. (See illustration.) This splendid globe Radish is the very finest early strain of the round, bright red Radishes. Flesh pure white, crisp, tender, and of delicious quality. Fine for market-gardeners as first-early forcing Radishes. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.50, postpaid.

Mrs. ED. TRINE, Henry County, Indiana, writes: *I am inclosing an order for \$3.85 and hope I get as good service as I have before. I liked your seeds just fine. Everything has always suited us.*



Early Scarlet Globe Radishes



Livingston's True Blue Seeds

Radish, continued

Cincinnati Market. This superb Radish originated in the vicinity of Cincinnati, Ohio, with the market-gardeners there and has been continually used by them for many years. We introduced it to our trade in the spring of 1895, and it has become so deservedly popular that we have had to grow it ever since by the thousands of pounds to supply the demand. It is an improvement on Long Scarlet Short Top. The tops are so small that the Radishes may stand touching each other in the rows. The Cincinnati Market Radish grows straight and smooth, 6 to 7 inches in length. (See illustration.) The skin is a beautiful scarlet, very thin; flesh crisp, brittle, and of delightful flavor. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.25, postpaid. By express, not prepaid, 5 lbs. \$4.50, 10 lbs. \$8.

Long White Icicle. Grows 4 to 5 inches long; slightly stump-rooted, and of transparent whiteness; short leaves; matures quickly; most excellent flavor; equally desirable for home or market-gardens. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.25, postpaid.

LADY FINGER, or LONG WHITE VIENNA. Beautiful in shape; skin and flesh are pure white, very crisp and tender, a most rapid grower and long standing. A fine variety. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.25, postpaid.

WHITE DELICIOUS. Roots are of distinct half-long form, tapering to a point. They grow to good size, are of handsome appearance, and the pure white flesh is crisp, solid, and of mild flavor until the Radishes become unfit for use. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.25, postpaid.

WHITE STRASBURG. Handsome, oblong, tapering shape; both skin and flesh pure white; flesh firm, brittle, tender, and possessing the most desirable character of retaining its crispness, even when the roots are quite large. Excellent for summer use, as it withstands severe heat and grows quickly. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.25, postpaid.

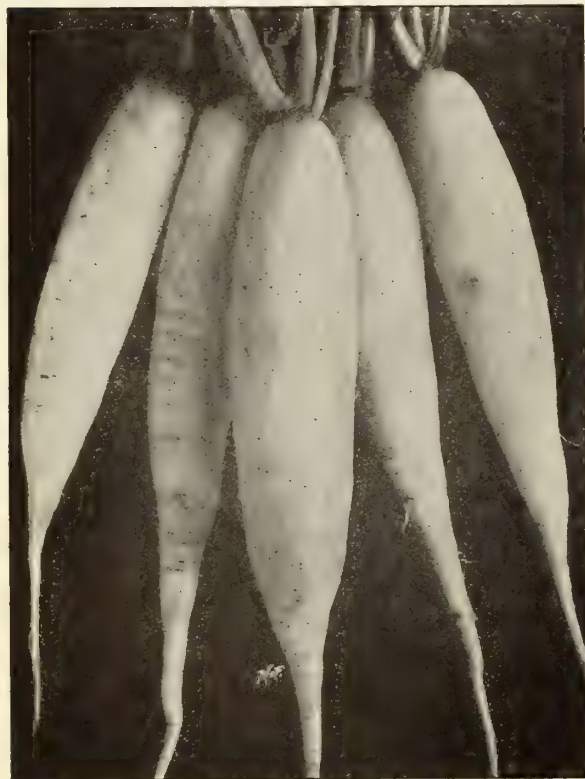
GIANT WHITE STUTTGART. Of large size, in shape like a top; flesh and skin white; fine quality; firm and brittle, never pithy; can be stored for winter the same as turnips. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.25, postpaid.

LARGE WHITE SUMMER TURNIP. A favorite with market-gardeners. Round, smooth; very white; crisp and tender; of large size. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1, ppd.

GOLDEN GLOBE. Most perfect globe-shaped; golden colored skin; very quick grower; white flesh, tender, brittle; long-standing. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1, postpaid.

Livingston's Pearl. A beautiful, pearly white, half stump-rooted variety of exceptional merit. It is very firm and solid and after having reached its best condition, it remains in good shape for some two weeks before becoming woody or showing any signs of going to seed. It is a Radish we can heartily recommend and a variety which for all purposes is first class. Everyone who likes a long, white Radish should plant Livingston's Pearl. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.25, postpaid.

WHITE MUNICH. A top-shaped variety averaging 6 to 7 inches in length and 3 to $3\frac{1}{2}$ inches at the shoulder. Color of skin and flesh a clear white; very mild and tender, one of the best winter sorts. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.25, ppd.



Livingston's Pearl Radishes



Cincinnati Market Radishes

White Chinese, NEW

ESTIAL. A large stump-rooted Radish with white skin and flesh. Can be sown from July 1 to August 15, and will keep in prime condition a long time; mild in flavor; brittle and never woody. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 35c., lb. \$1.25, postpaid.

CHINESE ROSE WIN-

TER. A very handsome and distinct variety; color bright rose; crisp and tender; cylindrical in shape; very smooth; very desirable sort; keeps splendidly through autumn and winter. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1, postpaid.

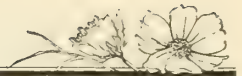
LONG BLACK SPANISH WINTER.

Grows 5 to 8 inches long, 1 to $1\frac{1}{4}$ inches through at top; skin black; flesh white and firm. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1, postpaid.

ROUND BLACK SPANISH WINTER. Similar to Long Black Spanish, except in shape; fine for winter. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.25, postpaid.

Livingston's All-Season Radish Mixture

Livingston's All-Season Mixture of Radish Seed contains all shades and shapes—red, white, pink, variegated; round, half-long and long—in great variety. Just fine for small gardens, where space is limited, and where you want to make a garden and be done with it. One sowing does for the whole season. Large pkt. 10 cts., $\frac{1}{2}$ oz. 15 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., ppd.



Speise Kürbis

Squash

Sidracayote

Plant after weather has become firmly settled and the ground is warm and dry, in hills 5 to 6 feet apart for bush varieties, and 6 to 8 feet apart for running varieties. Hills should be thoroughly manured. Slightly elevate the hills and place seven or eight seeds in each, finally leaving but three plants. Press the seeds down firmly before covering, and cover early planted ones 1 inch deep, and late ones $1\frac{1}{2}$ inches.

One ounce of the bush varieties for 40 hills, or of the large-seeded winter kinds for 15 hills; 2 to 3 pounds of the bush sorts, or 4 to 5 pounds of the large-seeded winter kinds are needed for one acre.

Acorn, or **TABLE QUEEN**. This new variety averages about 7 inches long by about 4 to 5 inches wide; shape is oblong and slightly pointed at the blossom end. The color is a dark green, except when it becomes over-ripe, when it changes to buff; flesh is orange color. The quality is equal to that of the Hubbard. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts.

Early White Bush, or **PATTY-PAN**. The flat patty-pan shaped fruits are ready for use very early in the summer; 6 to 8 inches in diameter. Of true bush form and very productive. Should be eaten when young and tender. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.25, postpaid.

MAMMOTH WHITE BUSH SCALLOP. Excellent large strain, 10 to 12 inches in diameter. Nearly as early as the common sort; creamy white; splendid for market or home garden; good shipper. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.40, postpaid.

MAMMOTH YELLOW BUSH SCALLOP, or **GOLDEN CUSTARD**. Decidedly the best strain. Double the size of the old sort. A flat variety of the patty-pan type; deep orange in color; 8 to 10 inches in diameter; for early summer use only. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75, postpaid.

Giant Golden Summer Crookneck. The largest and best of all Summer Crookneck Squashes. Of a dwarf, bushy habit and very productive; bears early and all summer; true Crookneck type; rich golden yellow color; thickly warted. Its cooking qualities are unexcelled. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.40, postpaid.

FORDHOOK. Convenient small size for family use. Flesh dry and sweet, and seems incapable of rotting. Maturing early, it is a sure cropper and immensely productive. Skin thin and meat thick; seed cavity small. May be used as a summer sort or stored for winter. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.40, postpaid.

BOSTON MARROW. Oval form; thin skin. Color of skin and flesh, a rich orange; of good size, excellent flavor and keeps well. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.25, postpaid.



Livingston's Improved Cushaw Squash

Livingston's Improved Cushaw. Very beautiful in appearance, being a distinct mottled green and white striped. Flesh yellow, solid, fine-grained, very sweet, and excellent for pies; also good for baking. Crookneck in shape and the neck is all solid flesh. Can be grown among corn, same as pumpkins, and yield a good crop, but the better way is to grow them separately on good, rich soil in hills 10 to 15 feet apart each way. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.25, ppd.

Livingston's Pie. Rich, sweet flavor. Makes good pies even without eggs. The color of the skin is similar to that of the Golden Russet apple. Flesh yellow and very thick. Quite early, surprisingly productive, and a rapid and hardy grower. Size, 8 to 10 inches in diameter. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.25, postpaid.

COCOZELLE. A summer variety of bush habit; fruits oblong, 12 to 16 inches in length and 5 inches in diameter, furrowed with five ribs; color dark green, marbled with yellow and dark green stripes, quality fine. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.40, postpaid.

GREGORY'S DELICIOUS. Outside color green when matured. Flesh thick, dark orange in color, dry, sweet, and of rich flavor. Is best as fall and winter variety, improving with age. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.40, postpaid.

BLUE HUBBARD. (New.) A large variety having a hard blue-grey shell. It is a long-keeping sort, and of finest quality. Try this one. Pkt. 10 cts., $\frac{1}{2}$ oz. 15 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts.

Golden Hubbard. Color of skin bright, rich, orange-red; showy and attractive; shell hard and warty; flesh deep golden yellow, fine grained and of splendid flavor; cooks dry. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.40, postpaid.

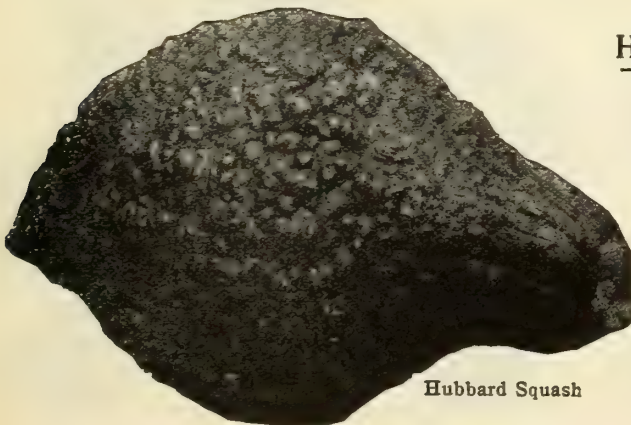
Hubbard. The standard winter Squash. It is of good size, often weighing 9 to 15 pounds. Color bluish green. Flesh fine grained, sweet and of excellent flavor. Rich orange yellow. Has a very hard shell and will keep until spring. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.50, postpaid.

CHICAGO WARTED HUBBARD. Large size; dark green color, distinguished by a dense covering of knots (warts), of splendid quality; thick yellow flesh. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.50, postpaid.

Livingston's Squash Mixture

One sowing will produce Squashes for the season. This mixture contains a great variety of summer and winter sorts, just suited for growing for exhibition or table use. Large pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., postpaid.

MARY E. HAGANEY, Denver County, Colorado, writes: We have always found your seeds very satisfactory.



Hubbard Squash



Livingston's True Blue Seeds



Mammoth Sandwich Island Salsify

Rafertourzel Salsify, or Oyster Plant Salifi

When properly cooked it is a good substitute for oysters and is very nutritious. A most palatable vegetable. The cultivation is precisely the same as directed for parsnips and carrots. Sow early in rows, 1 1/2 feet apart and cover firmly 1 inch deep; thin to 3 inches apart in the rows. Salsify will keep finely through the winter, in the ground where sown, in the same manner as parsnips. The roots are perfectly hardy; in fact, they are best after the frost has touched them. When preparing, boil the roots with a small piece of codfish, which should be discarded when the Salsify is cooked. This strengthens the oyster flavor. When cold, mash and fry as patties or fritters. This vegetable is also good stewed, plain boiled, and as a salad, sliced raw in vinegar with pepper and salt.

One ounce of seed will sow 50 feet of drill; 8 pounds will plant an acre

Mammoth Sandwich Island. This splendid variety will average nearly twice the size of the White French Salsify. Grows very uniformly; mild and delicious in flavor. A popular sort with all growers. (See illustration.) Pkt. 10 cts., oz. 20 cts., 1/4 lb. 65 cts., lb. \$2, postpaid.

Spinat Spinach *Espinaca*

Spinach will succeed finely in any ordinary soil, and its cultivation is a very simple matter. It is grown both as a spring and summer crop. To winter over for spring use, sow the seed in August or September, in drills 12 to 14 inches apart. At approach of cold weather, cover lightly with straw or any handy litter. Uncover the plants when they begin to make a new growth in the spring. For summer use, sow in spring; thin to 3 to 4 inches.

One ounce of seed will sow 50 feet of drill; 12 to 15 pounds will plant an acre

King of Denmark. (ANTVORSKOV.) The New Evergreen Spinach. Our experience with this improved new sort, on our trial-grounds, has shown it superior to any other variety, under the same circumstances, in the matter of standing a longer time before going to seed. It is fit for use in thirty days from time of sowing, and remains in good condition fully two weeks after other varieties have started seed-stocks. It has a beautiful crumpled, dark green, thick leaf of fine quality. See illustration. We sold a large quantity of the seed the past season with satisfaction. Pkt. 10 cts., oz. 15 cts., 1/4 lb. 30 cts., lb. \$1, postpaid.

Bloomsdale Savoy. This is a very early variety and one of the best to plant in the fall for spring use. The plant is of upright growth, with thick, glossy, dark green leaves which are crumpled or blistered like those of Savoy cabbage. It is quite hardy but will run to seed quickly as soon as warm weather comes. Suitable for home use and is used largely by market-gardeners. Pkt. 5 cts., oz. 10 cts., 1/4 lb. 20 cts., lb. 60 cts., postpaid. By express, not prepaid, 5 lbs. \$1.50.

VICTORIA. An excellent sort, whether grown for home use or market. It may be sown with equally good results, either in the spring or during late summer and fall. The plants are fit for use early and remain in good marketable condition longer than some other kinds. The leaves are very thick and juicy and when prepared properly, develop a delightfully distinct, mild flavor. Pkt. 5 cts., oz. 10 cts., 1/4 lb. 20 cts., lb. 60 cts., postpaid.

PRICKLY-SEEDED WINTER. A fine variety with triangular, oblong, or arrow-shaped leaves. Hardest of all, therefore best for fall sowing where winters are severe. Pkt. 5 cts., oz. 10 cts., 1/4 lb. 20 cts., lb. 60 cts., postpaid.

Improved Thick Leaf. (Viroflay.) The market-gardener's favorite for fall or spring sowing, in all parts of the country, as it furnishes an abundance of heavy, broad, dark green leaves of finest quality and appearance. The leaves are attractively curled, and on account of their firmness and substance they remain in prime, salable condition for a long time. Pkt. 5 cts., oz. 10 cts., 1/4 lb. 15 cts., lb. 55 cts., postpaid. By express, not prepaid, 5 lbs. \$1.50, 10 lbs. \$2.75.

LONG SEASON. Of flat, spreading, but compact growth, this sort is especially noticeable for its short-stemmed, dark green leaves, which are heavily crumpled and savoyed. For marketing during the warm summer months, it is excellent. Pkt. 5 cts., oz. 10 cts., 1/4 lb. 20 cts., lb. 60 cts., postpaid.

New Zealand. A distinct type of Spinach. The plants grow in branching form, with thick, succulent leaves. The leaves and stems can be gathered at any time after they are well grown and the plants will start out into new growth. Thrives during hot weather and in any soil. Pkt. 10 cts., oz. 15 cts., 1/4 lb. 35 cts., lb. \$1.25, ppd.

Sage

Sage is probably the most extensively used of all herbs for seasoning. The leaves and young shoots should be cut as it is coming into bloom, then dried in the shade. Pkt. 10 cts., 1/2 oz. 20 cts., oz. 30 cts., 1/4 lb. 85 cts., lb. \$3, postpaid.

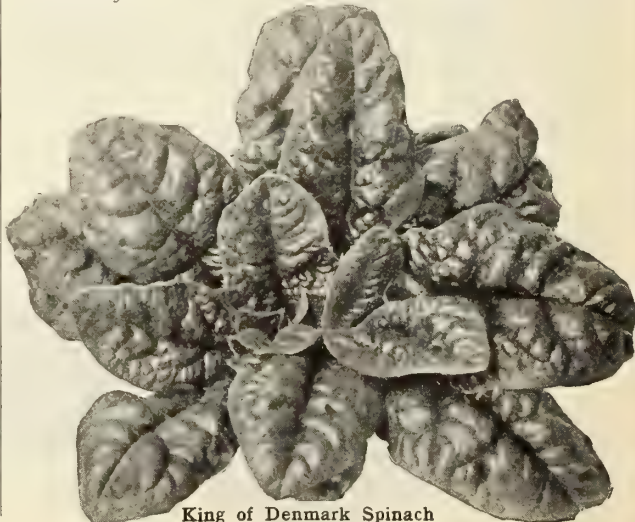
Sunflower

MAMMOTH RUSSIAN. Immense yielder—125 bushels of seed to the acre has been grown at less expense than corn. Very highly recommended for poultry. Best egg-producing food known. Good feed for horses as well. Oz. 5 cts., 1/4 lb. 10 cts., lb. 25 cts., postpaid. By express, not prepaid, 3 lbs. 60 cts., 5 lbs. 90 cts., 10 lbs. \$1.60.

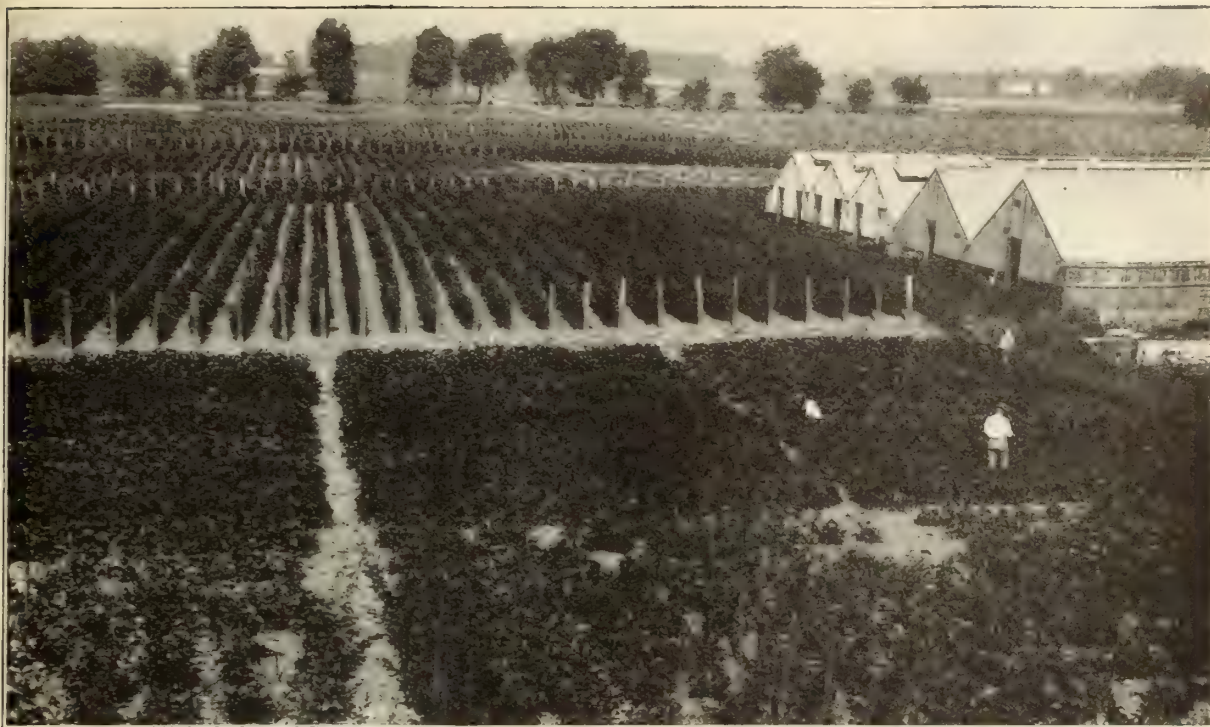
PETER B. MILLER, Knox County, Indiana, writes: *The Spinach seed that I bought of you was very good, and I can say that I have sold enough from the seed to pay for the caring of my whole garden.*

MRS. H. A. OESTREICH, Ramsey County, Minnesota, writes: *Ever since I can remember, mother has never failed to order her "True Blue" seeds and get good results.*

F. M. BARNEY, San Bernardino County, California, writes: *This makes the third order that I have placed with you, and each order is larger than the one before. We are very much pleased with the product and the seed and are glad to place another order with you.*



King of Denmark Spinach



LIVINGSTON'S FAMOUS TOMATOES

New Varieties of Merit and the Growing of Large Quantities of Seed Our Specialty

TOMATOES occupy continually the center of the stage in our establishment. It is only natural that it should be so. For three score years the interest in this all-important vegetable has been of greatest importance in our house.

We make it a point to know and study all sorts. This is one of the reasons why we can speak authoritatively about the merits of the various sorts introduced. The descriptions given in this catalogue may be relied upon. They tell the truth as we learn it from our annual extensive trials. Neither larger nor more thorough trials of Tomatoes are made anywhere than those on our "True Blue" Seed Farms. They enable us to "keep posted" for the benefit of our customers, and they also show us, year after year, that Livingston's Famous Tomatoes are the most thoroughbred strains in existence. We give here a complete list of our introductions. Some sorts, however, have been discarded. The cream of all varieties will be found listed on the following pages.

Livingston's Paragon.....	in 1870
Livingston's Acme.....	in 1875
Livingston's Perfection.....	in 1880
Livingston's Golden Queen.....	in 1882
Livingston's Favorite.....	in 1883
Livingston's Beauty.....	in 1886
Livingston's Potato Leaf.....	in 1887
Livingston's Stone.....	in 1889
Livingston's Royal Red.....	in 1892
Livingston's Gold Ball.....	in 1892
Livingston's Buckeye State.....	in 1892
Livingston's Aristocrat.....	in 1893
Livingston's Large Rose Peach.....	in 1893
Livingston's Honor Bright.....	in 1897
Livingston's Dwarf Yellow Prince.....	in 1898

Livingston's Magnus.....	in 1900
Livingston's Aristobright.....	in 1901
Livingston's Royal Colors.....	in 1901
Livingston's Dandy Dwarf.....	in 1901
Livingston's Multicolor.....	in 1901
Livingston's Princess.....	in 1901
Livingston's Grandus.....	in 1901
Livingston's Dwarf Stone.....	in 1902
Livingston's Purple Dwarf.....	in 1903
Livingston's Globe.....	in 1905
Livingston's Hummer.....	in 1907
Livingston's Coreless.....	in 1908
Livingston's Manyfold.....	in 1917
Livingston's Rosy Morn.....	in 1923

Tomato Culture

For very early fruit, the seed should be sown in a hotbed about the first week in March, in drills 5 inches apart and $\frac{1}{2}$ inch deep. Later sowings may be made until the last of April. (Sufficient plants for a small garden can be started by sowing a few seeds in a shallow box or flower-pot and placing in a sunny window in the house.) When the young plants are 3 to 4 inches high, they should be set 4 or 5 inches apart in another hotbed or coldframe, or transplanted into small pots, allowing a single plant to a pot. Expose to the air as much as possible to harden them for planting out. Water freely at the time of transplanting into the open ground and shelter from the sun a few days until the plants are thoroughly established. Cultivate thoroughly as long as the vines will permit, but the last two or three workings of the soil should be very shallow or the crop may be badly injured.

Tomatoes grow splendidly trained to stakes or trel-

ises, and the fruit is much improved, not only in appearance, but in quality. This mode of cultivation is quite common among gardeners who grow for the early market, and at private places throughout the country; especially is this desirable where neatness and at the same time economy of space in the home garden is desired. The usual method is to set one strong plant to a stake 5 to 7 feet high, tying the plant up with wool or other strong, soft twine, and pruning quite freely as the vine advances in growth. By this method plants may be set much closer than in the ordinary way. For fine, large specimens of high color and attractive appearance generally, grow the clusters of the fruit in paper sacks, as is commonly practiced by grape-growers. These paper sacks or bags should be put on when the Tomatoes are about three-fourths grown. That about 2,000 plants will be produced from one ounce of seed is a safe estimate.



Livingston's True Blue Seeds

Tomatoes

Livingston's Manyfold

Originated and Introduced by us in 1917

Brightest Red Inside and Out. Earliest Big Red Sort. Heavy Cropper

Livingston's Manyfold has a brilliant red fruit that averages almost equal in size to Livingston's Stone on strong ground and almost as productive, if not more so, but begins bearing earlier, hence lengthening the bearing season when used along with the larger and later sorts. The fruit is borne in large clusters which generally average five or more to the cluster. The clusters set closer together than on most sorts and therefore it is very productive. Almost invariably all of the fruits are of marketable size. Last season, owing to unfavorable conditions, Manyfold ran small on some soils, but where conditions were more favorable it came up fully to our description and claims. The flesh of the Livingston's Manyfold Tomato is one of the richest reds we have ever seen. Even the pulp surrounding the seed, in most specimens, shows the red coloring. We feel that this point of high color, together with the early maturity of a very large percentage of the crop, should appeal very strongly to canners and makers of catsup, and equally so to private users of Tomatoes. Livingston's Manyfold Tomato is very prolific, but should have good strong land to hold up the size throughout the season. Pkt. 10 cts., $\frac{1}{2}$ oz. 25 cts., oz. 45 cts., $\frac{1}{4}$ lb. \$1.40, lb. \$5, postpaid.

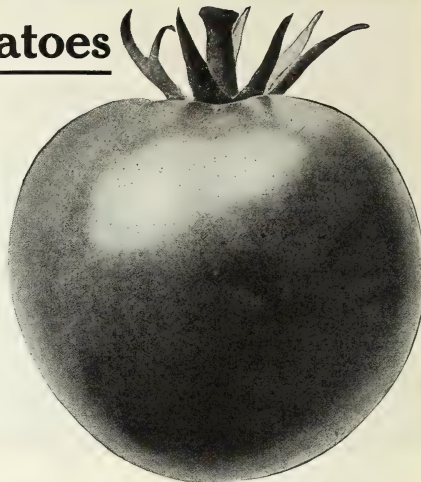
WALLACE LASSEIGNE, St. John's County, Louisiana, writes as follows: Livingston's Manyfold are grand. I plant nothing else. They deserve their name Manyfold well and they have created a furore here.

J. A. HOLDER, Claiborne County, Mississippi, writes: I will want 4 ounces of the Extra-Select Hand-picked Livingston's Globe Tomato seed this fall for trucking crop. Have used it for two years and want only this kind.

A. H. PARST, Gardener, Licking County, Ohio, September 18, 1921, writes: I had such good success with your Rosy Morn Tomato. It is very prolific, very uniform in size, beautiful bright glossy pink in color, very attractive, not inclined to crack, of grand flavor and has few seeds. Vines robust, with dark green foliage, which did not blight, while others alongside did.



Livingston's Rosy Morn Tomato



Livingston's Globe Tomato

Livingston's Globe

Originated by us and Introduced in 1905

THE GREATEST SHIPPING TOMATO KNOWN

The Finest Early Purple Tomato in Existence. Very Distinct in Shape, Firm Fleshed, of Delicate Flavor; Almost Blight-Proof

Livingston's Globe is an extra-good, all-round sort, of a distinct globe shape or elongated fruits. On account of its shape, it permits a great number of slices to be made from each fruit. We class it with the first early varieties. The fruits are of large size, and retained throughout the season. It is always smooth, of firm flesh and few seeds; ripens evenly; color, a fine glossy rose, tinged with purple, and without the slightest tinge of yellow at any stage of ripening. It is exceedingly productive. In quality there is nothing more to be desired, being mild, pleasant, and of delicious flavor. There is no better variety for greenhouse growing or for early growing on stakes or trellises. Its blight-proof qualities are remarkable. May be picked quite green; will carry to distant markets in excellent shape and ripen up uniformly. Pkt. 10 cts., $\frac{1}{2}$ oz. 30 cts., oz. 50 cts., $\frac{1}{4}$ lb. \$1.75, lb. \$6, postpaid. Special prices in larger quantities.

NEW TOMATO

Livingston's Rosy Morn

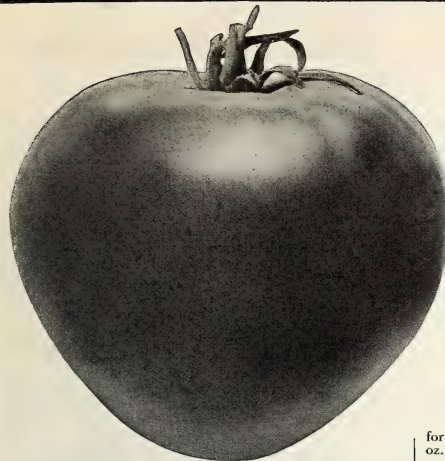
The Newest Livingston Creation

Originated and Introduced by us in 1923

The new Rosy Morn was discovered some years ago in a crop of Livingston's Manyfold. It differs in color, but we have been careful in our selection to retain the enormous productive powers, which it inherited from the Manyfold. It averages larger in size, in fact it is of that most desirable medium size which suits the greatest number of home-growers as well as market-gardeners.

Livingston's Rosy Morn is an early, bright rosy pink variety, coming into bearing close up to Earliana. It is smoothest of the smooth, and the very solid, fleshy fruits ripen evenly and are surprisingly free from cracks about the stem. It is a very fine slicing sort, being of mild and delicious flavor.

The new Rosy Morn is a good strong grower of vigorous foliage and should be planted a little wider apart for best results. Pkt. 25c., $\frac{1}{4}$ oz. 75c., $\frac{1}{2}$ oz. \$1.25, oz. \$2.25, $\frac{1}{4}$ lb. \$8.



Oxheart Tomato

New Tomato, Oxheart

We are pleased to have such a beautiful new, attractive, and distinct variety to offer our thousands of Tomato-grower customers. We have grown and selected it for the past two years, and do not hesitate in giving it our endorsement. Because of its attractively different shape, as well as excellent table qualities, it is sure to come into general favor at once. On account of its fine qualities, those who grow the New Oxheart this season will pass along their experiences to the other fellow. There will be great rivalry among back-yard and kitchen gardeners to see which can grow the finest Oxheart in shape and size.

The grower for market is going to find the Oxheart a mighty attractive sort. They will sell on sight. The above picture will give some idea of its shape. The skin is pink in color, same as Livingston's Globe. It is almost seedless. When sliced the flesh frequently shows an inch thick, without a seed cavity. The flavor has just that delicious Tomato quality that every lover of this fruit knows so well, but cannot describe.

It is not yet entirely distinct as to type, but our selection has resulted in a large percentage of the Oxheart-shaped fruits, and the balance are very desirable. All have the smooth, pink skin, large size, and firm flesh. We have only a limited amount of Selected Seed, saved from the typical heart-shaped fruits, and while it lasts offer at 50 cts. per packet.

Livingston's Stone

Introduced by us in 1889

THE GREATEST OF ALL CANNING TOMATOES

The Largest, Bright Red, Perfectly Smooth, High-Yielding, Best-Keeping, Finest-Flavored, Main-Crop Variety

Livingston's Stone is always of good size, deep through from stem to blossom-end and very firm. Skin is bright scarlet, perfectly smooth, and strong enough to stand shipping and long-distance hauling to perfection. Flesh is very solid and of finest flavor. Seed cells are small and few. Livingston's Stone is now recognized by all as the greatest canning Tomato. We sell more of the Stone, to canners, than all other sorts combined. Order direct from us to get seed of our growing. Pkt. 10 cts., $\frac{1}{2}$ oz. 25 cts., oz. 45 cts., $\frac{1}{4}$ lb. \$1.50, lb. \$5.50, postpaid.

Livingston's Magnus

Introduced by us in 1900

FINE FOR GROWING ON STAKES

This distinct variety is of the color of Livingston's Beauty. It is large, early, thick, heavy, and solid, and one of the most handsome varieties in cultivation. It is unsurpassed in quality and in the production of fine, large fruits. **Well adapted to main-crop planting, and also takes first rank for early market purposes.** The form is perfect, uniform, large, and attractive, quite deep through from stem to blossom-end. The flesh is very firm. A robust grower, with short joints, and a very heavy cropper. It has the broad foliage which prevents sunburn in hot sections. Ripens evenly. For staking up in the open field, it is a fine sort. Pkt. 10 cts., $\frac{1}{2}$ oz. 20 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1.15, lb. \$4, postpaid.

Livingston's Perfection

Introduced by us in 1880

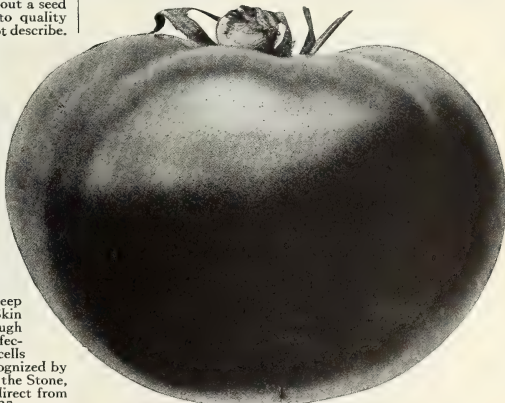
Skin is tough, fruits remarkably solid, hence a good shipper. It is a medium-sized, smooth, bright red sort of excellent quality. It ripens earlier than Stone, keeps its size to the end of the season, and is excellent for either market or home use. Used in northern sections for canning because early. Pkt. 10 cts., $\frac{1}{2}$ oz. 20 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1.15, lb. \$4, postpaid.

Livingston's Paragon

Introduced by us in 1870

This was the first perfectly smooth, deep red Tomato ever offered to the American people. We have kept it up to the original high standard, and there are many gardeners and catsup-makers who today, after fifty years, would not have any other kind for a main crop. It is an immense yielder; in time of ripening, medium early. The fruits are of large size and remain so throughout the season. Flesh is solid, of superior quality and of appetizing appearance. Pkt. 10 cts., $\frac{1}{2}$ oz. 25 cts., oz. 45 cts., $\frac{1}{4}$ lb. \$1.40, lb. \$5, postpaid.

CALIFORNIA VEGETABLE UNION, Los Angeles County, Calif., writes as follows, September 29, 1919: *We have been using your Stone Tomato seed this year and have had excellent results. Our growers are so well pleased with it that some of them have come in for supplies of seed after the crop was matured for next year's planting and we have been putting out our surplus in that way. We wish to express our appreciation for the good service you are giving us in supplying us with the best type of Tomato seed.*



Livingston's Stone Tomato



Livingston's True Blue Seeds



Livingston's Hummer Tomato

Livingston's Hummer Tomato

Originated by us and introduced in 1907

Is round as a ball, smooth as an apple. A good variety for forcing, very prolific, and has very little indenture about the stem end. The color of the fruit is a very attractive bright scarlet. The flesh is a rich crimson-scarlet, and of the very best quality. In size an excellent variety for canner's use, as a large percentage of the fruits can be put into the can whole; quite early; desirable in latitudes where the crop must be produced in a short time. It is hard to beat for market and home-garden. It is a healthy, vigorous grower of medium-sized vines. The fruit itself is solid. Pkt. 10 cts., $\frac{1}{2}$ oz. 20 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1.15, lb. \$4, postpaid.

JOHN W. CLEVINGER, Ramsey County, Minn., writes: *I purchased some seed from you some time ago which contained some of the Hummer Tomato and the Hummer is sure just what the world calls for.*

Livingston's Beauty

Introduced by us in 1886

GREATEST PURPLE HOME-MARKET SORT

Strong Grower. Very Productive. Large, Smooth and Early

Although introduced by us so many years ago, this is still one of the most popular purple-colored Tomatoes. The plants make a strong growth, are hardy, and bear profusely. The fruit is produced in clusters of four to six, is large, of perfect shape, and retains its size until late in the season. It ripens early, has firm flesh of excellent quality, and the seed cells are very small. A splendid sort for slicing. For home market it is excellent. Pkt. 10 cts., $\frac{1}{2}$ oz. 20 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1.15, lb. \$4, postpaid.

J. C. GORDON, Jackson County, Missouri, writes: *Your Beauty Tomato is certainly a good kind; tried it last year.*

T. M. CHRISTIE, Clinton County, writes under date of June 9, concerning Tomato seed, as follows: *I have grown your fine Tomatoes for several years and often have been greeted with "You have the best Tomatoes on market." Your Beauty and Globe are the principal brands. I now have Manyfold growing nicely in addition to the others.*

G. L. CLIPPER, Somerset County, New Jersey, writes: *I have been a user of your seeds ever since 1890 and find them the most dependable seed I can buy. In 1890 it was my good fortune to meet Mr. A. W. Livingston at Mandarin, Fla., and had a talk with him concerning his Tomato seed. He took my address and ever since I've received your catalogue and each year I've grown Tomatoes. I've used Livingston's "True Blue" Seed and find I can grow fine Tomatoes when I plant your seed. I try to use your valuable catalogues to advantage by lending them to my neighbors.*

Livingston's Buckeye State

Introduced by us in 1893

The largest Tomato bearing our name. The extra-large fruits are borne in clusters of three to six, and have a smooth skin of dark purple color. The fruit is very meaty, solid, and the flesh is of most desirable quality. The principal objection to "mammoth" sorts has been their rough and uneven skin. In Livingston's Buckeye State we have been successful in eliminating these weak points, and planters everywhere will appreciate the beautiful large fruits which are exceedingly showy and find a ready sale. Pkt. 10 cts., $\frac{1}{2}$ oz. 30 cts., oz. 50 cts., $\frac{1}{4}$ lb. \$1.75, lb. \$6, postpaid.

JOHN B. WEBB, Cumberland County, N. C., writes as follows: *I have sown the Buckeye State Tomato ever since it came out and nothing can come anyways near it. It should be on the front cover of your catalogue.*

FRED STEDMAN, Oneida County, New York, writes: *I have sowed your Tomato seeds for three years and have had the best plants I have ever seen. Your Buckeye State's are the heaviest croppers I have ever grown. You are at liberty to use this testimonial, if you wish.*

Livingston's Improved Dwarf Champion

Bears fruit fully one-third larger than the original Dwarf Champion. Fruit is produced in clusters of three to five; of a beautiful glossy purple; firm, solid, thick flesh, with large meaty center. Pkt. 10 cts., $\frac{1}{2}$ oz. 25 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.40, lb. \$5, postpaid.

Livingston's Dwarf Stone

Introduced by us in 1902

The advent of Dwarf Stone marked a new epoch in dwarf Tomatoes. The fruits are larger than those of Dwarf Champion and nearly as large as those of our Standard Stone. **It is very prolific.** Fruit smooth, ripens evenly; medium early. The color is bright red. The plants of Livingston's Dwarf Stone are of such sturdy upright growth that they may be set as close as $1\frac{1}{2}$ to 2 feet apart, if necessary, and still produce an abundant crop. A great sort to be grown in small gardens where space is limited. Pkt. 10 cts., $\frac{1}{2}$ oz. 25 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.40, lb. \$5, postpaid.

M. L. CONTI, Tulsa County, Oklahoma, writes: *Your Dwarf Stone is certainly the Tomato for this section. The upright plant and thick, heavy leaves protect the fruit from the hot sun.*

C. H. MARPLE, Cook County, Illinois, writes: *I am more than pleased—"de lighted" as Teddy used to say—with Livingston's Dwarf Stone. Plants were simply loaded with fine large Tomatoes.*

I. M. VAUGHN, Montgomery County, Kansas, writes: *We have planted your Tomato seed the past three years and have had the finest we ever raised.*

JOHN O. JOHNSON, Clark County, Indiana, writes: *I think the seed I bought from you last year did the best of any seed that I ever bought. The Tomatoes I raised from your seed I think the best I ever raised, and all that I sold plants to will tell you the same.*



Livingston's Beauty Tomato



Livingston's Favorite Tomato

Introduced by us in 1883

A favorite with canners and in the home-garden. Favorite is one of the best-shaped, large, bright red Tomatoes. The fruit ripens evenly, is always smooth, and holds its size to the end of the season. Flesh is of good flavor, very solid. Pkt. 10c., ½oz. 25 cts., oz. 45 cts., ¼lb. \$1.40, lb. \$5, postpaid.

Livingston's Dwarf Aristocrat

Introduced by us in 1893

This Tomato in habit of growth and foliage resembles the Dwarf Champion, but the color is a beautiful rich, glossy red. The solidity, productiveness, smoothness, flavor of its fruits are all that are to be desired; size medium. Pkt. 10 cts., ½oz. 25 cts., oz. 40 cts., ¼lb. \$1.40, lb. \$5, postpaid.



Livingston's Coreless Tomato

Livingston's Coreless

Originated by us and introduced in 1908

A perfect globe-shaped canning variety of large size. Full at stem end; bright red; a strong grower and a big cropper

All markets requiring a bright red sort will be pleased with Livingston's Coreless. In shape it is almost round, being of about the same diameter each way. The depression at the stem end has been almost eliminated, making a profitable variety for canning **owing to a very small amount of loss in material and labor.** Is immensely productive, clusters of four to seven fruits are produced at 6 to 8 inches apart along the stem. All of the fruits are of marketable size, and many of them are quite large—12 to 15 ounces. A grand, good slicing variety, the seed cells being surrounded by bright red, heavy, meaty, and delicious flesh. Its color is that bright, rich red so desirable in a canning sort. Pkt. 10 cts., ½oz. 25 cts., oz. 45 cts., ¼lb. \$1.40, lb. \$5, postpaid.

Mrs. Wm. S. Foster, of Noyabce County, Miss., writes: We have been growing your Coreless ever since you first introduced them and have found them superior to any we have grown.



Livingston's Acme Tomato

Livingston's Acme *Introduced by us in 1875*

As a shipping sort for growing in southern states it is one of the best. This was the first perfectly smooth, large, purple Tomato introduced. Today, after all these years, it is still the leading sort with extensive growers in the South, particularly in Texas. It is a smooth, uniform, medium-sized, early, purple-fruited sort, very prolific. Fruits in clusters of four or five, are of medium size, free from cracks, solid, and stand long-distance shipment; quality fine. Pkt. 10 cts., ½oz. 20 cts., oz. 35 cts., ¼lb. \$1.15, lb. \$4, postpaid.

Early Detroit

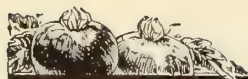
A very productive, early purple sort, uniform in size of fruit, free from cracks, and does not blight easily. Fruit large and smooth. Vines vigorous and quite productive. Quality excellent. Pkt. 10 cts., ½oz. 20 cts., oz. 35 cts., ¼lb. \$1.15, lb. \$4, postpaid.

June Pink A Pink Earliana

Ripens as early as Earliana. A prolific bearer, clusters of six to eight large fruits being borne close to the main stem, a large percentage of the fruit being produced very early. The fruit is of medium size, uniform, smooth, and attractively shaped. Excellent for shipping. In color it is a bright, pleasing pink, and in markets where a pink Tomato is desired, it is a great seller. Pkt. 10 cts., ½oz. 25 cts., oz. 40 cts., ¼lb. \$1.30, lb. \$4.50, postpaid.



June Pink Tomato



Livingston's True Blue Seeds

Trucker's Favorite Tomato

A purple-fruited sort of excellent quality, highly esteemed in many eastern and southern markets. Grows to uniformly large size which is maintained until late fall. Fruits are invariably smooth, solid and the flesh is of finest color throughout. Fine for slicing or cooking. Quite similar to our Livingston's Beauty. Plants are very thrifty, free from rust or blight, and bear continually until killed by frost. Pkt. 10 cts., $\frac{1}{2}$ oz. 20 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1.15, lb. \$4, postpaid.

Colossal

A strain of Ponderosa which exceeds it in average size. A slice of this enormous-fruited sort looks like a piece of beefsteak. The fruit has purple or pink skin and many of them are quite smooth. It is of delicious flavor and extra fine for slicing. Pkt. 10 cts.

JOHN W. KRATZ, Vanderburg County, Indiana, writes: *Am sending a small order. I have used your seed for twenty years and like them fine because can depend upon them being good. I think the Beauty, Manyfold, and Crimson Cushion Tomatoes are very good, also Copenhagen Market and Enkhuizen Cabbage. We appreciate your promptness in sending the seed, too.*

J. R. MULLETT, Ashtabula County, Ohio, writes: *Your strain of Earliana Tomato is the best I have ever grown.*



Cooper's Special

Cooper's Special

A variety which has been highly recommended by the Florida growers as being what they term a self-topper. It is a rather globe-shaped sort, of the same color as our Livingston's Globe. The vine is said to be shorter and fruits are set in clusters of four to five fruits every 5 to 6 inches along the stock. Fruit not as large as our Livingston's Globe. Pkt. 10c., $\frac{1}{2}$ oz. 25 cts., oz. 45 cts., $\frac{1}{4}$ lb. \$1.50, lb. \$5.50, postpaid.

Gulf State Market

A medium-sized, early, purple sort, recently introduced. Our trial-ground tests show that it ripens the same time as our Livingston's Globe, but is smaller; globe shaped. Claimed by the introducer to be a good sort for shipping to northern markets. Pkt. 10 cts., $\frac{1}{2}$ oz. 25 cts., oz. 45 cts., $\frac{1}{4}$ lb. \$1.40, lb. \$5, postpaid.

WM. BARCLAY, Los Angeles County, California, writes: *The seed I got from you last season produced the finest Tomatoes grown around Los Angeles, the Ponderosa commanding a big sale.*



Earliana Tomato

Earliana

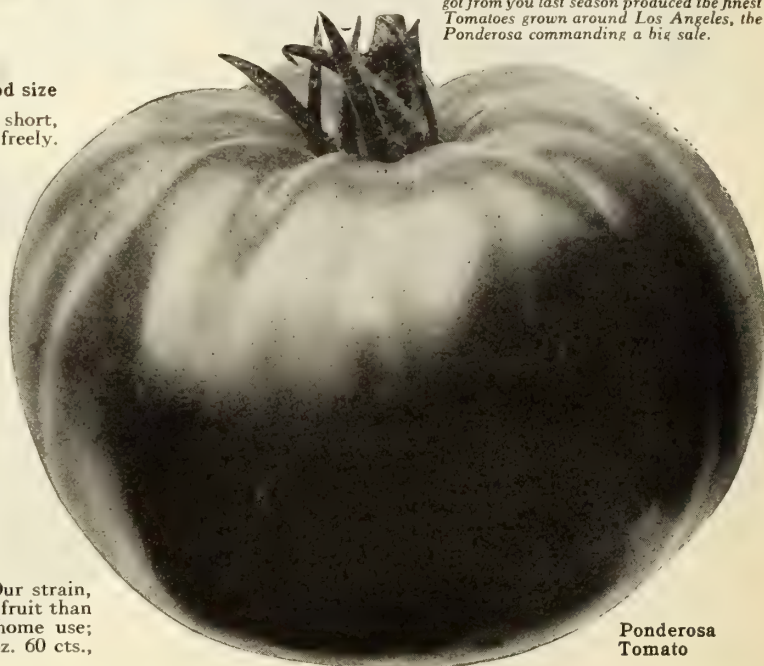
The earliest smooth, bright-red Tomato of good size

The plants are compact in growth, with short, close-jointed branches, setting fruits very freely. With the Livingston strain of Earliana the fruits are quite uniform in size and of smooth, regular form, averaging 3 inches in diameter, and about 2 inches in depth; they are fleshy, solid and excellent for shipping purposes. Pkt. 10 cts., $\frac{1}{2}$ oz. 25 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.30, lb. \$4.50, postpaid.

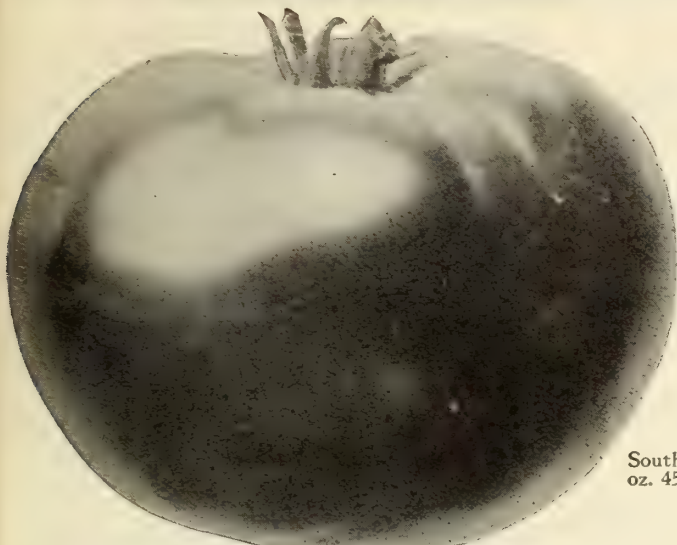
WM. L. FIFE, Weber County, Utah, writes: *I got some seeds from you last year and they were very satisfactory. The Earliana Tomatoes were the best I have ever seen and the wonder of all who saw them.*

Ponderosa

The largest variety of practical value. The fruits ripen early and it bears well until very late; very solid, almost seedless, of good subacid flavor and of immense size, frequently weighing considerably more than two pounds. Somewhat scattered on the vine, and a small percentage are rather rough. Our strain, however, is now producing a much smoother fruit than when first introduced. Good Tomato for home use; splendid slicer. Pkt. 10 cts., $\frac{1}{2}$ oz. 35 cts., oz. 60 cts., $\frac{1}{4}$ lb. \$1.90, lb. \$6.50, postpaid.



Ponderosa Tomato



Chalk's Early Jewel Tomato

Chalk's Early Jewel Tomato

A little later than Earliana—as heavy a cropper, of larger size, fine flavor. Brightest scarlet; ripens up to stem without green core. Flesh thick, bright scarlet, solid, excellent flavor. One of the largest cropping, medium early varieties we grow. Comes into bearing ahead of Livingston's Stone, almost as large. Pkt. 10 cts., $\frac{1}{2}$ oz. 25 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.25, lb. \$4.25, postpaid.

Redhead

An early, deep red variety of good size and shape. It is very meaty and nearly free from cracks. Fruit is very smooth and runs quite uniform in size; very productive. Pkt. 10 cts., $\frac{1}{2}$ oz. 25 cts., oz. 45 cts., $\frac{1}{4}$ lb. \$1.30, lb. \$4.50, postpaid.

Dwarf Giant

A new dwarf sort of good size and various other unique characteristics. It is very prolific, producing fruits in clusters around the base of the plant. The fruits of Dwarf Giant, like one of its parents, are rather rough and irregular, but are solid, meaty, and good quality. Of the same color as Ponderosa—the originator calls it a "Dwarf Ponderosa." Pkt. 10 cts., $\frac{1}{2}$ oz. 30 cts., oz. 50 cts., $\frac{1}{4}$ lb. \$1.60, postpaid.

Mrs. MARY D. SPENCER, Los Angeles County, California, writes as follows: I sent to you for my Tomato seed and you certainly have good seeds. Every seed I sowed germinated, I believe. I hope to have some fine Tomatoes. The plants are thrifty—growing fine.

J. E. GODDARD, Oakland County, Michigan, writes as follows: I have the finest Tomato plants I ever raised, from the seed bought from you this spring. I am going pretty strong on Tomatoes and these plants look like there was some cooperation formed between us.

J. H. ELLERBY & SONS, Ontario, Canada, writes: We tried your Tomato seed this year and found it fine. Our main-crop variety is Bonny Best for staking and John Baer for field crop.

CHARLES RIESS, Hamilton County, Ohio, writes: We bought 3 ounces of your Special Bonny Best two years ago; they were fine—had wonderful crop.

Bonny Best Best Red for Greenhouses

One of the finest bright red sorts for growing in greenhouses, and a good one to follow Earliana in the open field. It has been highly recommended by the U. S. Department of Agriculture as well as big growers and shippers throughout the country. Bonny Best is a favorite Tomato of medium size. They are of bright scarlet color, always smooth and of remarkably uniform size and shape. A splendid sort for market and shipping. Pkt. 10 cts., $\frac{1}{2}$ oz. 25 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.30, lb. \$4.50, postpaid.

Matchless

A fine, smooth, main-crop Tomato, of rich cardinal-red color, with solid flesh of finest quality. Grows to good size which it maintains throughout the season. Very similar to Livingston's Stone. Pkt. 10 cts., $\frac{1}{2}$ oz. 25 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.35, lb. \$4.75, postpaid.

John Baer

An extra-early red-fruited sort of merit. The fruits are large, nearly round, smooth, and of good quality. It is a good variety for market-gardeners and for shippers. Pkt. 10 cts., $\frac{1}{2}$ oz. 25 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.25, lb. \$4.25, postpaid.

Norton Wilt-resistant Stone

This variety is commanding quite a little attention on account of its wilt-resisting qualities. It is similar in habit of growth, color, and season to our Livingston's Stone. The Norton should be a valuable sort for the South, where the wilt is prevalent. Pkt. 10 cts., $\frac{1}{2}$ oz. 25 cts., oz. 45 cts., $\frac{1}{4}$ lb. \$1.50, lb. \$5.50, postpaid.

Greater Baltimore

A midseason red variety, very heavy, due to its extreme firmness and very thick meat. Fruit ripens evenly; free from ridges and cracks. A good canning sort. Pkt. 10 cts., $\frac{1}{2}$ oz. 25 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.35, lb. \$4.75, postpaid.

Crimson Cushion

An extremely large, bright red variety of the Ponderosa type; ripens evenly; good quality; late. Pkt. 10 cts., $\frac{1}{2}$ oz. 35 cts., oz. 60 cts., $\frac{1}{4}$ lb. \$1.90, lb. \$6.50, postpaid.

Red Rock

Red Rock is, as the name indicates, a scarlet-fruited sort of large size. We class it as a late variety, but if started quite early will mature most of the crops before frost. A good general-purpose sort and used as a canning variety by some. Pkt. 10 cts., $\frac{1}{2}$ oz. 20 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1.15, lb. \$4, ppd.

SESTIER BROS., Gardeners, Polk County, Iowa, write: We find the Bonny Best Tomato seed we got from you a Good Strain. Have you any more out of the same lot? If so, let us know.



Bonny Best Tomato



Livingston's True Blue Seeds

Golden Ponderosa Tomato

Golden Ponderosa equals Ponderosa in size, shape, and quality, but is a rich golden yellow in color. In other words it is, as the name indicates, a yellow-fleshed Ponderosa. Try a packet of each and note the novel effects of the red and yellow fruits sliced together. Pkt. 10 cts., $\frac{1}{4}$ oz. 20 cts., $\frac{1}{2}$ oz. 35 cts.

Livingston's Dwarf Yellow Prince

Introduced by us in 1898

A very choice, dwarf-growing, yellow Tomato; very early. Flesh is solid and the flavor is desirable; of medium size and beautiful shape. When sliced with red or purple sorts it is highly ornamental. Pkt. 10 cts., $\frac{1}{2}$ oz. 30 cts., oz. 50 cts., postpaid.

Livingston's Golden Queen

Introduced by us in 1882

"Queen of all the Yellows." Of superior flavor, it is solid, always smooth, entirely free from ridges, large in size, ripens early. Rich golden yellow skin with a tinge of pink on the blossom side. Fine for slicing. Pkt. 10 cts., $\frac{1}{2}$ oz. 25 cts., oz. 45 cts., $\frac{1}{4}$ lb. \$1.40, postpaid.

Livingston's Gold Ball

Introduced by us in 1892

Beautiful canary-yellow; flesh thick, fine quality, handsome color; grows in clusters and produces enormous crops. Pkt. 10 cts., $\frac{1}{2}$ oz. 25 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.30, lb. \$4.50, postpaid.

Small Fruited

Tomatoes

Excellent for Preserves, Pickles and Pies

- Red Currant.** Smallest of all sorts. Pkt. 5 cts., $\frac{1}{4}$ oz. 15 cts.
- Red Cherry.** Pkt. 5 cts., $\frac{1}{4}$ oz. 15 cts.
- Red Pear.** Pkt. 5 cts., $\frac{1}{4}$ oz. 15 cts.
- Yellow Cherry.** Pkt. 5 cts., $\frac{1}{4}$ oz. 15 cts.
- Yellow Pear.** Pkt. 5 cts., $\frac{1}{2}$ oz. 30 cts.
- Yellow Plum.** The finest of the small varieties. Pkt. 5 cts., $\frac{1}{2}$ oz. 30 cts., oz. 50 cts.
- Mixed Small Tomatoes.** Pkt. 10 cts.



Yellow Plum Tomato

Odd Tomatoes

- YELLOW PEACH.** Resembles some peaches so closely in size, shape, and general appearance that at a short distance away it could be taken for a peach. Color a rich golden yellow; very productive. Pkt. 10c., $\frac{1}{4}$ oz. 15c., $\frac{1}{2}$ oz. 25c.
- GOLDEN HUSK, or WINTER CHERRY.** This delicate husk-enveloped Tomato is unequalled for making preserves and pies. Has a strawberry flavor and is very productive. Fruit a handsome golden color, the size of large cherries. Pkt. 10 cts., $\frac{1}{4}$ oz. 20 cts., $\frac{1}{2}$ oz. 35 cts.
- PURPLE HUSK.** Beautiful; very productive; more acid than Golden Husk; 1 to 2 inches in diameter. Pkt. 10c., $\frac{1}{4}$ oz. 20c.

Rube Turnip Nabos

First-early varieties of Turnips should be planted just as early in the spring as the ground is dry and warm. Sow them in rows, beds, or later broadcast, or among corn. The Rutabaga varieties, and also the early sorts, will do better if planted in rows; make the rows at least $1\frac{1}{2}$ feet apart, and thin out the plants when well up to 6 inches apart. Cultivate often and thoroughly. We call especial attention to the fact that the Rutabaga varieties should be planted as soon as possible after the middle of June, as they need a longer season than the Turnips.

One ounce of seed sows 100 feet of drill; one pound will plant an acre

Extra-Early White Milan. This variety is extremely early and because of its small, strap-leaved upright tops, may be planted quite close together, both in the row and in the width of the rows. The roots are clear white, very smooth, flat and are of best quality when only about 2 inches in diameter. The flesh is clear white, mild, sweet and tender. Very desirable for early use and is used also for forcing. Pkt. 5 cts., $\frac{1}{2}$ oz. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.25, postpaid.

Extra-Early Purple-Top Milan. Similar to Extra-Early White Milan, except that the roots are a little flatter and an attractive purple-red on the upper portion. The tops are small and upright and are therefore well adapted for forcing. The Milans are the very best for extra early and their quality is fine; very smooth skin and more nearly transparent than any other sort. Pkt. 5 cts., $\frac{1}{2}$ oz. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.25, postpaid.



Purple-Top Strap-Leaf Turnip

Purple-Top Strap-Leaf. An early strap-leaved variety, very extensively used for the table. The leaves are few and upright in growth. The roots are flat, of medium size, purple or dark red above ground, white below. The flesh is white, fine-grained and tender. Roots when in best condition for table use are about 2 to 3 inches in diameter, but can be grown much larger for stock feeding. A very popular sort and one of the best sellers. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 20 cts., lb. 65 cts., postpaid. By express, not prepaid, 5 lbs. \$2.50.

EARLY FLAT DUTCH, or WHITE STRAP-LEAVED. A very early, white Turnip, extensively used for the table, especially in the southern states. The leaves are upright in growth. The roots are of medium size, flat, white-fleshed, fine-grained and sweet. When in best condition for table use they are about 3 inches in diameter. This variety is also grown as a field crop. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts., postpaid.

JOHN W. EDWARDS, of Gage County, Nebraska, writes: *I have been planting your seed for over twenty years, and always found them good. I am now getting too old to garden much—in my 84th year.*

WALTER HUDDLESTON, Scioto County, Ohio, writes: *I came back to your company because I had better crops with your seeds than any other I have tried. It is true saying—"When you've found a friend good and true, never change the old one for the new."*

F. M. BARNEY, San Bernardino County, California, writes: *This makes the third order that I have placed with you, and each order is larger than the one before. We are very much pleased with the product and the seed and are glad to place another order with you.*

ASK FOR PRICES ON LARGE LOTS OF TURNIP SEED



Purple-Top White Globe Turnip

Purple-Top White Globe. The roots are large, purple or dark red above ground, white below. The flesh is white, fine-grained, and tender. The roots, when in best condition for the table, are about 3 inches in diameter, but can be grown much larger for stock-feeding. Keeps well and is one of the best for market; also a popular home-garden sort. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts., postpaid. By express, not prepaid, 5 lbs. \$2.50.

L. W. PURDUM & SONS, of Pittsylvania County, Virginia, write: We want to let you know that the Purple-top White Globe Turnip seed that we bought of you last spring turned out to be a very fine type of Turnips. We bought seed from four other seedsmen and yours were by far the best of all.

Rutabaga (Swedish or Russian Turnip)

Rutabagas are more especially adapted to sections north of Ohio. They require a longer season for maturing, hence should be sown earlier than turnips, or about June 15.

Improved American Purple-Top. One of the best and heaviest cropping sorts. It is of globe shape with a rich purple top and light yellow below the ground. The quality is fine; very tender, and without the stringy nature common in some sorts. A valuable stock-food and is used as a table variety by many. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 85 cts., postpaid.

LARGE WHITE RUSSIAN. An excellent keeper and very desirable either for the table or for stock, although not as desirable as the American Purple-Top for table use. The roots are very large, nearly globe-shaped or somewhat top-shaped; color white with a shade of green or bronze at the top. Flesh white, firm and sweet. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts., postpaid.

H. H. HAWKINS, Baker County, Oregon, writes: This is the twenty-ninth year that we have bought seed from you and can truthfully say they are the best seeds we have ever bought, and we have tried seed from fifteen other seed firms from all over the United States.

MRS. A. B. OLSEN, Kings County, New York, writes: Every seed is coming up beautifully—"LONG MAY YOU WAVE."

A. GAYHART, Pike County, Indiana, writes: This is the fortieth year that I have ordered seed from your Company, and I speak a good word to everyone about your seed.

Turnip, continued

White Egg. An early, egg-shaped variety with smooth, clear white roots of medium size which grow half out of the ground. The flesh is clear white, firm, fine-grained, and sweet. The roots of this quick-growing garden sort when in best condition for use are usually about $1\frac{1}{2}$ inches in diameter and about 3 inches long. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts., postpaid.

LARGE WHITE GLOBE POMERANIAN. This is a very productive sort and if planted in good, rich soil the roots attain very large size, sometimes weighing as much as ten pounds. The roots are globe-shaped or slightly flattened; skin very white and smooth. Used for stock-feeding and is also good for table use if pulled when the roots are not more than 4 to 5 inches in diameter. The tops may be used for greens. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 20 cts., lb. 65 cts., postpaid.

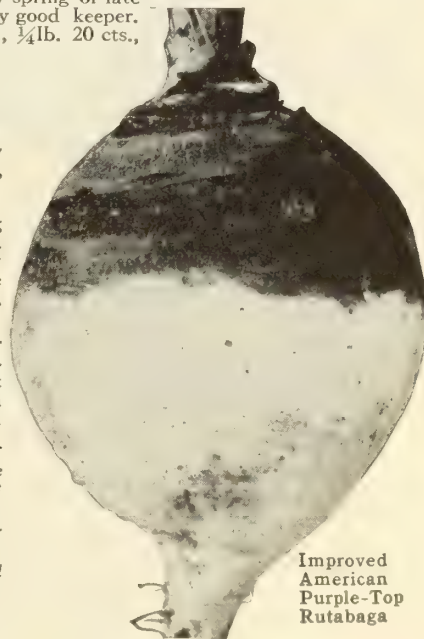
SEVEN TOP. This sort is cultivated extensively in the South for the tops which are used for greens, and in many parts of the country is a favorite green feed for stock. Its use like rape for a pasture crop is quite general. It is very hardy and the growth usually continues throughout the winter. The variety is not depended on for the root since the tops are produced so abundantly. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts., postpaid.

LONG WHITE, or COW HORN. This variety is clear white, except a little shade of green at the top of the root, which is long in form somewhat similar to a carrot but slightly crooked. The roots are often 12 to 15 inches long by about $2\frac{1}{2}$ inches in diameter and grow about 3 inches out of the ground. The flesh is fine-grained and well flavored, and for table use is in best condition when the roots are about 2 inches in diameter. Desirable for stock-feeding and has obtained considerable favor as a market sort. This variety is used by a great many as a "turn under" crop to improve the soil. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts., postpaid.

EARLY SNOWBALL. Medium-sized round Turnip; pure white; very fine flavor; flesh is fine-grained; one of the best table varieties. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts., postpaid.

YELLOW GLOBE, or AMBER. One of the best yellow-fleshed varieties, grown usually for stock-feeding but is also a good table variety. The roots are of large size and of globular shape. The skin is clear yellow except the top which is tinged with green. Flesh is light yellow, fine-grained, and sweet. The variety keeps well and is a good cropper. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts., postpaid.

GOLDEN BALL, or ORANGE JELLY. One of the very best varieties of yellow-fleshed Turnips and one of the mildest flavored. Tops small; roots medium sized, round, very smooth and with deep yellow skin. The flesh is firm, crisp, and of most excellent quality. The roots are in best condition for table use when about 3 inches in diameter. This variety grows very rapidly and may therefore be planted either in early spring or late summer. It is a very good keeper. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 20 cts., lb. 65 cts., postpaid.



Improved American Purple-Top Rutabaga

ASK FOR PRICES ON LARGE LOTS OF TURNIP SEED



Special Notice About Farm Seeds



OWING to the large edition of our complete Seed Annual, many of which go to persons uninterested in farm seeds or living at too great distances, we are, this year, for the first time, omitting farm seeds from it. For this department we are issuing a special Farm Seed Catalogue containing those items which we have generally listed under the head of Farm Seeds in our Seed Annual. We are glad to send this Catalogue, with current price-sheet, free on application to all interested, regardless of where you live. We believe this will be more satisfactory, especially so in the matter of prices. Garden and Flower Seed values generally run constant throughout the season, but the market on Farm Seeds changes frequently, and sometimes quite materially. As this

Seed Annual goes to press late in November, it has been necessary for us to more or less guess at a price that would be somewhere near right for the entire season. As planting-time approaches, these prices, oftentimes made before the crop was harvested, were frequently clear out of line. This meant an endless amount of correspondence, if our prices were too low, or the refunding of money or loss of business if our prices were too high. In this special Farm Seed Catalogue, no prices will be quoted, but a current price-sheet will be sent out with each Catalogue. Be sure to let us know if you want your name on this list. A post card will do, or if you ask for the special Farm Seed Catalogue, your name will automatically go down on the list. Also, there is a space provided on the order-sheet in this book for this purpose. This is necessary, as we have never kept our Farm Seed customers separate from other customers on our mailing-list.

Livingston's Farm Seeds bear, like our other seeds, an enviable reputation. We handle only the highest grades obtainable, and while the better grades are naturally higher in price, their real value is not to be compared with the cheap, weedy trash sometimes offered at what appears to be a low price. On an "acre basis" the difference in cost between cheap seeds and the best the season has produced is remarkably small, and, more important, the farmer has not inoculated his farm with a fresh lot of noxious weeds. Many of the items we offer are grown right here in Central Ohio, while others come from sections best adapted to their production—all of the best and highest grade the season has produced.

*"Nature's
Easy Way"*



**That
Guarantee
Protects You!**

Do you want better legume crops than you ever had before?

Do you want to enrich your land so that it will produce **better crops of any kind** in the future than it has done before?

Then inoculate your seed with McQueen's Inoculator this year.

Sweet clover, alfalfa, soy beans, red clover, vetch, garden peas and beans, and all other legumes need lots of nitrogen.

They can't thrive without it any more than human beings can without a proper amount of oxygen.

Treatment of the seed with McQueen's Inoculator is the

Nitrogen Factories for Field and Garden

Inoculate your alfalfa, sweet clover, soy beans, red clover, alsike, mammoth clover, vetch, peas, beans, and all other legumes (pod-bearing plants). McQueen's Inoculator insures a catch, hastens maturity, increases the crop, enriches the soil, and means success with legumes. You can start a **nitrogen factory** on your farm by inoculating your legume seed with McQueen's Inoculator. An inoculated legume takes nitrogen from the air and stores it in the soil for future crops. Simple directions with each package.

1/2-bus. size treats 30 lbs. seed	\$0 50
1-bus. size treats 60 lbs. seed	1 00
Six 1-bus. sizes treat 360 lbs. seed	5 00
Ten 1-bus. sizes treat 600 lbs. seed	7 50
Combination for Peas, Sweet Peas, Garden and Lima Beans	.25c. and 50

WHEN ORDERING STATE THE KIND OF SEED YOU WISH TO TREAT

cheapest and surest way of enabling them to get the nitrogen they so vitally need, in sufficient quantity to insure a maximum yield.

McQueen's Inoculator has an unequalled record of results.

McQueen's Inoculator is the hardiest and most virile nitrogen-fixing bacteria known.

It makes poor soil good and good soil rich.

McQueen's Inoculator will enable you to grow better crops than you've grown before in field and garden.

McQueen's Inoculator will cost you less per acre because it is sold on the bushel basis instead of by acre sizes.

WHEN ORDERING STATE THE KIND OF SEED YOU WISH TO TREAT



The Flower Seed Department

Our list of flower seeds will be found to contain all sorts of real merit. Many times varieties are listed which are of no value whatever and are so difficult to grow that unless one has every facility for propagation, disappointment is sure to follow the purchase of seed. We want our seeds to give satisfaction and prefer not to have a very extended list, rather than to cause disappointment in any of the varieties procured. Cultural directions will be found on most of our seed packets. We will also give free to customers, on application, a very instructive and helpful leaflet "**Annuals from Seeds.**"

Annuals are those flowers that bloom and ripen their seed the first year, then die. Among these are Asters, Balsams, Mignonette, Sweet Peas, Nasturtiums, Morning-Glories, and many other very brilliant and fragrant sorts.

Biennials from seed, generally bloom the second year, then die. Some varieties, if planted early, bloom the first season and therefore are treated as annuals.

Perennials are those that endure our northern winters with little or no protection and live and bloom several years in succession. A large majority of the perennials will bloom the first year if started early in the spring. Hollyhocks, Columbines, Larkspurs, Foxgloves, Poppies, etc., are in this popular class.

Livingston's Superb Asters

There are few flowers that make a better show in the fall than Asters. They are, perhaps, the most popular annual flower grown, and justly so on account of their ease of culture, season of bloom, and lasting qualities, both in the garden and as a cut-flower. To be able to cut Asters abundantly and over the longest possible period, you should make several sowings of the early, midseason, and late-flowering types. Sow the seed in shallow boxes in the house or in the hotbed in March; transplant the seedlings 2 inches apart in boxes, when they are large enough to handle; and plant to permanent beds in May. The second sowing can be made in the coldframe the latter part of April. The third sowing should be made the latter part of May. Set the plants of early varieties 10 inches apart in the row, and those of the later varieties 15 to 18 inches apart. The richer the ground the better your flowers will be, and water is very necessary. Our extensive trials and personal inspection of hundreds of acres each season has given us the opportunity to select what we believe to be the cream of all Asters. In the following list you will find not only the standard varieties of merit, but many of the newer sorts which we know are sure to please. We know that you cannot buy better seed, as our stocks are all grown for us by Aster specialists.

1430 Betty Jung. This new variety outrivals anything yet seen in Asters. The plants are very vigorous growers and the flowers are giant in size, very full, double, and of very lasting quality. Its color is a live bright rose-pink without a trace of the bluish or faded out appearance so much seen in Asters. It is by far the longest stemmed variety. Pkt. 25 cts., $\frac{1}{8}$ oz. 45 cts.

1397 Heart of France. The best pure red Aster ever introduced. In any light, natural or artificial, Heart of France is startlingly beautiful and will command instant admiration. The flowers are large and full with never a trace of hollow center. The plants are of branching type and very robust habit. The stems are long and strong and have very few laterals. The plants begin to bloom quite early in the season and open fully with the midseason varieties. They retain their brilliancy and luster for a longer period than almost any other color. Pkt. 15 cts., $\frac{1}{8}$ oz. 75 cts.

1398 Sensation. This new sort is the darkest red of all Asters. The plant averages about $1\frac{1}{2}$ feet high and is of the true branching type. Stems are long and stiff, making it ideal for cutting. The flower is very double and averages about 3 inches in diameter. On account of the deep, velvety red color of Sensation, it is exceptionally fine for either bedding or border. Pkt. 10 cts., $\frac{1}{8}$ oz. 50 cts.

1388 Silvery Rose. This new, large-flowering, long-stemmed variety is unique in color, yet harmonizes well with almost all other shades. Every petal is a combination of deep lilac-rose, almost cerise, very delicately threaded with white. The threads are so tiny as to give the petals a silvery sheen. Even the slightest change in light will shade the petals from a rich glowing rosy cerise to a silvery rose. Pkt. 15 cts., $\frac{1}{8}$ oz. 75 cts.

1415 Peerless Yellow. The best yellow Aster ever introduced. Every flower will come a beautiful chrysanthemum-yellow and are remarkably full and ball-shaped, with centers deeply covered with curled and twisted florets. The plants are of the branching type and very vigorous. So numerous and large are the flowers that the plants are completely covered with a golden dome. It is certainly a winner in its class and color. Pkt. 15 cts., $\frac{1}{8}$ oz. 75 cts.

1406 PEERLESS PINK. The introducers of this variety state that it is midway between Crego and the late branching varieties and of a beautiful shade of pink. It blooms a little ahead of the late branching and produces its flowers on long stems. Pkt. 10 cts., $\frac{1}{8}$ oz. 50 cts.

MRS. JOHN ZIMMER, Union Co., Ind., writes: *Your seeds are certainly fine. I had such a nice garden and the loveliest flowers last year, grown from your seeds.*



Livingston's True Blue Seeds



Semple's Giant Late-Branching Asters

Asters, continued

Semple's Giant Late-Branching. Without question, the finest Aster grown. It has size, vigor, fine stem, beauty of form and varied color to recommend it, and, while not so early as many of the other varieties, it stands at the head of the list both for the home-garden and as a florist's flower.

	Pkt.	1/2oz.
1400 Finest Mixed Colors. All shades and colors.....	\$0 10	\$0 30
1401 Lavender	10	40
1402 Royal Purple	10	40
1403 Pure White	10	40
1404 Crimson	10	40
1405 Shell-Pink	10	40

Collection of Semple's Giant Asters, 5 above sorts, 40 cts.

Crego. The Crego comes into bloom just ahead of the Late-branching Asters, and being of Comet type, affords variety in the garden.

	Pkt.	1/2oz.
1407 Purple. Rich purple.....	\$0 10	\$0 40
1408 White. Pure white.....	10	40
1409 Pink. Beautiful pink.....	10	40
1414 Lavender. Rich.....	10	40
1419 Mixed. All colors.....	10	30

Collection of Crego Asters, 1 pkt. each above 4 colors, 30 cts.

King. The habit of growth of this Aster is similar to the branching type, growing vigorously about 2 1/2 feet high; has long stiff stems. In form the flower is entirely new and distinct from any other variety; round, full and very large, many of the flowers measuring from 4 to 5 inches in diameter. Petals somewhat resemble the quilled varieties, but are much longer and broader.

	Pkt.	1/2oz.
1378 White King. A recent introduction.....	\$0 10	\$0 50
1379 Pink King. Blush-pink.....	10	50
1380 Violet King. Soft violet-purple.....	10	50
1381 Rose King. Brilliant rose.....	10	50
1382 Mixed King. Above colors.....	10	40

Collection of King Asters, 1 pkt. each of above 4 colors, 30c.

Queen of the Market.

About two or three weeks earlier than most other Asters. They bloom profusely and are of graceful habit. Their shape is very similar to Semple's Giant-Branching Aster. The perfect flowers are borne on long stems and in great variety of colors, making them extremely useful for cutting. A favorite sort. Height, 1 1/2 feet.

	Pkt.	1/2oz.
1440 Mixed Colors. All colors in finest mixture.....	\$0 10	\$0 30
1441 Scarlet. Brilliant scarlet.....	10	40
1442 Pink. Beautiful pink.....	10	40
1443 Crimson. Rich crimson.....	10	40
1444 White. Pure white.....	10	40
1445 Dark Blue. Beautiful.....	10	40
1446 Light Blue. Sky-blue.....	10	40

Collection, Queen of the Market Asters, 6 separate colors, 50c.

Daybreak. A distinct American class. The plants are erect in habit of growth and attain a height of 18 to 20 inches. The flowers are ball-like in form, with incurved petals about 2 1/2 inches in diameter. Daybreak Asters bloom during August and are excellent for beds or cutting.

1383 **Lavender.** The flowers are of a most beautiful shade of light lavender. Pkt. 10 cts., 1/2oz. 75 cts.

1384 **Pink.** Unequaled in daintiness. The silvery petals are suffused with pink which makes a most pleasing color in any light. Pkt. 10 cts., 1/2oz. 75 cts.

1385 **Salmon.** A light orange-salmon. Very desirable. Pkt. 10 cts., 1/2oz. 75 cts.

1386 **Purity, or White Daybreak.** Snow-white; unusually large. Fine for beds or borders. Pkt. 10 cts., 1/2oz. 75 cts.

1387 **Mixed.** This mixture includes the above colors, together with many others in a properly blended mixture. Pkt. 10 cts., 1/2oz. 60 cts.

1494 **AUTUMN GLORY.** Pure seashell pink. While similar in color to Semple's Pink, it has a better and more substantial flower, a deeper and longer keeping color, larger and stronger type of plant. Its most distinctive characteristic and chief claim for recognition, however, is the fact that it is later in season than any of the other varieties. Pkt. 10 cts., 1/2oz. 50 cts.

1399 **American Beauty.** A variety of recent introduction. The plants are of very strong, vigorous growth, averaging from 2 to 3 feet in height. The flowers are of remarkable size, having the widest petals of any Aster. Type of flower is similar to the Semple's variety but the flowers are much larger and are produced on stiff stems often measuring more than 2 feet. The large flowers are bright carmine-rose and are almost identical in color with the well-known American Beauty rose. Pkt. 15 cts., 1/2oz. 75 cts.



American Beauty Aster. Pkt. 15 cts.



Asters, continued

Rochester Asters. The Rochester Asters, like those of the Late Branching variety, are large with many long, strong branches. The flowers of the Comet type have long, narrow petals, gracefully recurved, giving them a lightness and grace that make them the most artistic of all Asters. They are the largest Asters now in cultivation.

	Pkt.	½oz.
1493 Shell-Pink.....	\$0 10	\$0 50
1483 White.....	10	50
1484 Purple.....	10	50
1495 Lavender.....	10	50

1492 **Pink Enchantress.** This is a splendid variety of recent introduction. The immense flowers of a soft, delicate pink, are borne on strong, upright plants. The color is that of the popular pink Enchantress carnation. Pkt. 10 cts., ½oz. 50 cts.

1390 **Truffaut's Peony-Flowered. Mixed Colors.** The improved strains of this grand Aster are considered the finest in cultivation. The large, perfectly double flowers are fine. Height, 2 feet. Fine assortment. Pkt. 10 cts., ½oz. 40 cts.

Giant Ostrich Plume. A very large-flowering class, the blooms of which resemble the Giant Comet Asters, as they have the same curled and twisted petals. However, the petals are longer, and the whole flower larger.

1417 White, 1418 Rose-Pink, 1420 Azure-Blue, 1421 Lavender, 1422 Dark Blue, 1423 Crimson. Pkt. 10 cts., ½oz. 40 cts.

1416 **Giant Ostrich Plume, Mixed Colors.** Embraces all the desirable colors in splendid mixture. Pkt. 10c., ½oz. 35c.

Collection of Giant Ostrich Plume Asters, 6 separate colors, 50 cts.

Royal. Without doubt one of the best early-flowering sorts. It is quite similar in type of flower to the Late Branching, but will come into bloom only about a week later than Queen of the Market. The flower-stems start from the plant close to the ground, are free from laterals and consequently give their full strength to the production of numerous large, handsomely proportioned flowers.

	Pkt.	½oz.
1486 White. Pure white.....	\$0 10	\$0 40
1487 Purple. Royal purple.....	10	40
1488 Shell-Pink. Beautiful pink.....	10	40
1489 Lavender. Rich lavender.....	10	40



Crego Aster. See page 58



Stanton Long among his Asters

STANTON LONG, Jefferson County, Ohio, writes: *Just a few lines to tell you of the success I have had the past summer with produce grown from your seed. I raise a great many flowers and use Livingston Aster and Sweet Pea seed exclusively. Sure did have some great Sweet Peas, and am sending you picture of myself among my Asters (seed purchased from you). I sold over \$150 worth from this small patch (about 500 plants). Your Semple's Giant and Rochester simply can't be beat. Had Rochester Asters 6 inches across, on stems 2 feet long. You can always count on me to boost for Livingston's.*

Astermum

A strain of Comet Asters which closely represent a Japanese chrysanthemum, hence the name Astermum. The flowers are elegantly shaped, with long petals curiously entwined and intermixed, forming a shaggy mass. The pale lavender, purple, rose, and white make a wonderful color combination.

	Pkt.	½oz.
1434 White.....	\$0 10	\$0 25
1435 Rose.....	10	25
1436 Lavender.....	10	25
1437 Purple.....	10	25

Collection: One pkt. each of above 4 colors, 30 cts.

1438 **Mixed.** This mixture is well blended with all the colors in Astermums. Pkt. 10 cts., ½oz. 25 cts.

Livingston's Superb Mixture of Giant Asters

Is absolutely unexcelled. A magnificent mixture, producing beautiful flowers, gigantic in size, gorgeous in colors, perfect in form.

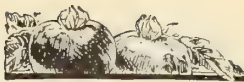
1490 **This mixture includes the cream of all the Asters** on this and the other two pages, together with many other sorts of the most beautiful forms and brilliant colors. Our special strain has been especially selected from the finest, large-sized, double-flowering types. Height, about 2 feet. Pkt. 15 cts., ½oz. 50 cts.

Livingston's Exhibition Aster Collection

This magnificent collection contains the finest and most complete assortment of mammoth-flowering Asters it is possible to offer—the newest kinds, all colors, all varieties; early and late, the symmetrical globe-shaped and the fluffy chrysanthemum sorts.

One packet each, **Semple's Giant Branching, Mixed; Giant Ostrich Plume, Mixed; Crego, Mixed; Truffaut's Peony Perfection, Mixed; Livingston's Superb Mixture of Giant Asters; King Mixed Asters; Sensation; all for 50 cts., postpaid.** At regular rates these seeds would cost 70 cts.

In the bag with each collection we will enclose our leaflet "ASTER CULTURE," telling how to grow BIG ASTERS successfully.



Livingston's True Blue Seeds



Aquilegia (Columbine)

Aquilegia (Columbine)

Exceedingly showy, early blooming, hardy plants; always favorites, and of easiest culture. The graceful, long spurred flowers are very brilliant. They delight in the moister portion of the garden. The new varieties are greatly enlarged and the range of colors and shades has been largely increased. Hardy perennial. Height, 1½ to 2 feet.

- 1356 **New Long-Spurred Rose Queen.** A beautiful variety, producing in great profusion very graceful, large-flowered, long-spurred flowers, shading from light pink to dark rose, with white center and yellow anthers. Pkt. 15 cts.
- 1365 **Chrysantha.** A clear yellow, of the long-spurred type, flowering nearly all summer. One of the best and very hardy. Pkt. 10 cts.
- 1368 **Cerulea.** The true Rocky Mountain variety. A beautiful blue. State flower of Colorado. Pkt. 10 cts.
- 1360 **Double Varieties, Mixed.** Pkt. 5 cts., ½ oz. 15 cts.
- 1362 **Single Varieties, Mixed.** Pkt. 5 cts., ½ oz. 15 cts.

Ageratum (Floss Flower)

Very showy plants; bloom profusely the whole summer; fine as cut-flowers; splendid for borders, ribbon beds, etc. Half-hardy annuals.

- 1312 **PERFECTION BLUE.** Splendid large heads of deep amethyst-blue. Compact growth, 9 inches high. Deepest colored of all Ageratums. Fine border. Pkt. 10c., ½ oz. 25c.
- 1314 **Princess Victoria Louise.** A very pretty dwarf sort. Bushes 5 to 6 inches high. Splendid combination with Sweet Alyssum. The color is a bright blue, with white center. Pkt. 10 cts., ½ oz. 25 cts.
- 1316 **Little Blue Star.** Exceedingly dwarf, bushy growth, not over 4 or 5 inches high. Densely covered with clusters of bright blue flowers. Very fine for edging. Pkt. 25 cts.
- 1318 **Imperial Dwarf Blue.** 8 inches. Pkt. 5c., ½ oz. 25c.
- 1319 **Imperial Dwarf White.** 8 inches. Pkt. 5c., ½ oz. 25c.
- 1320 **Mexicanum.** Lavender-blue. 1½ feet. Pkt. 5 cts., ½ oz. 20 cts.
- 1321 **FINEST MIXED.** Splendid. Pkt. 5 cts., ½ oz. 15 cts.

Asparagus

- 1372 **Plumosus nanus (Climbing Lace Fern).** One of the prettiest house plants. Its foliage is indispensable for bouquets, and lasts a long time after cutting. Half-hardy perennials. Pkt. (10 seeds), 15 cts., 25 seeds, 30 cts., 100 seeds, \$1.

- 1374 **Sprengeri (Emerald Feather; Abyssinian Parlor Fern).** This is one of the most beautiful plants for either pot culture or hanging-baskets. Useful for bouquets. Grows freely all the year; a popular house plant. Pkt. (15 seeds), 10c.

Giant-Flowered Antirrhinum (SNAPDRAGON)

This old favorite is one of the most beautiful and useful of our border plants. They have become immensely popular within the last few years, and whether used for cutting or for show in the garden, they are one of the most valuable flowers grown. The very graceful and most beautifully colored flowers are borne on long stems. Seed sown the first week in May will bloom in July and continue until killed by frost. If earlier flowers are desired, start in the house, hotbed, or greenhouse and transplant to the beds where they are to bloom, when the weather becomes warm.

Giant-Flowered Maximum. This wonderful new group of Antirrhinums far surpasses anything yet introduced. In habit they are slightly taller than the Majus group. The flowers are of magnificent size, closely placed on long stems. The group, as a whole, is slightly variable in size and color. Do not fail to use these wonderful Antirrhinums in your garden this year.

	Pkt.	½ oz.
1332 Bunch of Lilacs. Lilac-purple.....	\$0 25	\$1 25
1333 Canary Bird. Canary-yellow.....	25	1 25
1334 Cerberus. Carmine-rose, yellow lip.....	25	1 25
1335 Copper King. Velvety copper-scarlet.....	25	1 25
1337 Snowflake. Pure white, yellow lip.....	25	1 25
1339 Wallflower. Brownish orange and copper-red.....	25	1 25

Collection of Giant Maximum Antirrhinums, 1 pkt. each above 6 colors, \$1.25

- 1352 **SILVER PINK.** The last word in Pink Antirrhinums. Of vigorous habit, growing 2 to 2½ feet high. Flowers a beautiful shade of pearly pink, set closely on long spikes. As a florist's flower it is unsurpassed. Pkt. 15 cts., ½ oz. 60 cts.

- 1346 **LARGE FLOWERING MAJUS, MIXED.** An elegant assortment of innumerable rich colors and shades. Pkt. 10 cts., ½ oz. 25 cts.

- 1350 **LIVINGSTON'S GIANT-FLOWERING, MIXED.** In this mixture of Giant-flowering Maximum Antirrhinums will be found every desirable color and shade in this wonderful class. The individual flowers, as well as the flower-spikes, are truly giant of size. The long, stiff stems tend to make these fine for cutting as well as for bedding. See illustration in natural colors on inside of back cover. Pkt. 25 cts., ½ oz. \$1.25.

Sweet Alyssum

One of the sweet-scented flowers that should be in every garden. An easily grown annual, fine for beds, edgings or for cutting. In bloom all summer and the greater part of fall.

- 1325 **Sweet Alyssum (A. maritimum).** One of the most popular of our hardy annuals, both for cutting and for edging. The pure white flowers are noted for their exquisite fragrance. Blooms continually from earliest summer until hard frosts. Pkt. 5 cts., oz. 40 cts.

- 1327 **LITTLE GEM, or CARPET OF SNOW.** A dwarf, very compact-growing variety. While only 6 inches in height, each plant will carpet a circle from 20 to 30 inches in diameter. From early summer until very late autumn the plants are a solid mass of snow-white flowers of delicious fragrance. Pkt. 5 cts., ½ oz. 25 cts., oz. 75 cts.

- 1329 **Saxatile compactum (Golden Saxatile, or Basket of Gold).** A hardy perennial variety; its flowers are a most brilliant golden yellow. Fine for rockwork. Height, 9 inches. Pkt. 5 cts., oz. 60 cts.

- 1330 **LILAC QUEEN.** Of compact habit. The pretty, deep lavender-lilac flowers are borne in great profusion above a cushion of lustrous green foliage, making it very valuable for the border. Pkt. 10 cts.

- 1300 **ABRONIA.** Pretty trailing plants with verberna-like, fragrant flowers. Adapted to beds, rockwork, and hanging-baskets. Annuals; good mixture. Pkt. 5 cts.

- 1302 **ABUTILON (Flowering Maple; Chinese Bellflower).** Universally admired for garden or house culture. Half-hardy shrubs. **Mixed**, pkt. 10 cts.

- 1308 **ACROCLINIUM. Rose and White, Mixed.** An Everlasting. Gather the first day they open and dry in the shade for winter bouquets. Annuals. Height, 1 foot. Pkt. 5 cts.

- 1310 **ADLUMIA CIRRHOSA (Mountain Fringe; Allegheny Vine).** A beautiful hardy climber. Pkt. 5 cts.

- 1377 **ASPERULA (Sweet Woodruff).** This charming plant delights in moist, shady situations. Its fragrant leaves and flowers when dried impart an agreeable perfume. Perennials. Height, 1 foot. Pkt. 5 cts.

Mrs. CHARLES E. TOWNE, Washington County, Vermont, writes: My pansies and nasturtiums last year were marvels. Surely none could do better.



Double-Flowered Balsam

Double Balsam

- 1500 **LIVINGSTON'S PREMIUM, FINEST MIXED.** Our strain is unsurpassed. The large, double flowers are as fine as the most elegant camellia. The size, fine form, varied and brilliant colors of our Premium Balsams are greatly admired. Pkt. 10 cts., $\frac{1}{4}$ oz. 40 cts.
- 1504 **Double Camellia-Flowered, Finest Mixed.** A very choice assortment of all the best varieties and colors in these favorite Balsams. Pkt. 5 cts., $\frac{1}{4}$ oz. 25 cts.
- 1515 **Double Mixed Balsams.** Pkt. 5 cts., oz. 50 cts.

- 1518 **BALSAM APPLE and PEAR (Mormordica), Mixed.** Very curious vine with ornamental foliage. Its large, golden yellow fruit opens when ripe and shows its brilliant blood-red interior. Hardy annuals. Height, 10 feet. Balsam Apple and Pear Mixed, pkt. 5 cts., $\frac{1}{4}$ oz. 15 cts.

- 1523 **BEGONIAS, Finest Mixed.** Our strain contains a great variety of colors, both in flowers and foliage. A superior assortment. Pkt. 10c.
- 1524 **Vernon.** An elegant variety, with bright orange-carmine flowers and very dark leaves. Start the seed early in the house or greenhouse. Pkt. 10 cts.

- 1496 **BALLOON VINE (Love-in-a-Puff).** Rapid-growing, pretty annual climber; delights in a light soil and warm situation; produces white flowers, followed by seed vessels that look like small balloons; makes a fine porch screen. Height, 10 feet. Pkt. 5 cts., oz. 25 cts.

Cineraria

A favorite free-flowering greenhouse plant, with flowers of great richness and diversity of colors. Cinerarias bloom during the winter and spring months and can be planted out in summer. The plants thrive best in a mixture of loam, leaf-mould, and sand.

- 1648 **Livingston's Prize Mixture.** Contains only the richest and most beautiful colors; large. Pkt. 25 cts.
- 1650 **Maritima (Dusty Miller).** Silvery white foliage; for edging, ribbon beds, hanging-baskets, etc. Height, 1 foot. Perennial, but usually grown as an annual. Pkt. 5 cts., oz. 40 cts.

Calendula (Pot Marigold)

One of the easiest grown, most showy, and free-flowering, hardy annuals, producing a fine effect in beds or mixed borders; blooms all the time; fine for cut flowers.

	Pkt.	Oz.
1525 Orange King. Large, full double, deep orange. Fine for forcing.		
See description, page 7	\$0 15	
1526 Meteor. Yellow, striped orange	05	\$0 25
1527 Sulphurea plena. Sulphur-yellow	05	25
1528 Prince of Orange. Darker than above	05	25
1529 Fine Double Mixed. Contains the choicest sorts	05	20

Calliopsis, or Coreopsis

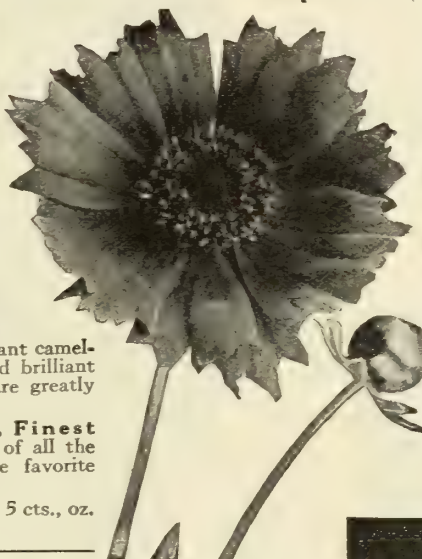
One of the easiest grown annual flowers. Can be used with fine effect anywhere—in beds, borders or masses. Blooms all the time. Sow the seed thinly when weather becomes warm and soil dry. Height, 1 to 2 feet.

- 1530 **Hybrida superba.** Very showy new hybrids in great variety of color, varying from pale yellow to rich orange and velvety brown. Pkt. 10 cts., $\frac{1}{4}$ oz. 15 cts.
- 1532 **Golden Wave (C. Drummondii).** Bushy, compact plants covered with very large bright golden yellow flowers with brown centers. Pkt. 5 cts., $\frac{1}{4}$ oz. 15 cts.
- 1534 **Coronata.** Showy, large, pure yellow flowers. Pkt. 5 cts., $\frac{1}{4}$ oz. 15 cts.
- 1536 **Mixed Tall Sorts.** All choice varieties. Pkt. 5 cts., oz. 25 cts.
- 1537 **Mixed Dwarf Sorts.** For bedding. Pkt. 5 cts., oz. 30 cts.
- 1540 **Lanceolata grandiflora (Harvest Moon).** One of the grandest perennial plants. Fine in masses, or as cut flowers. The individual blooms are very large and of the richest golden yellow. Pkt. 10 cts., $\frac{1}{4}$ oz. 20 cts., oz. 75 cts.

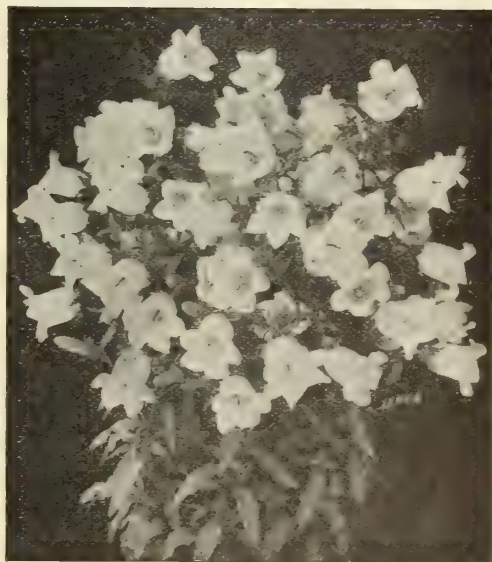
Campanula (Canterbury Bells)

This old-fashioned flower is a favorite with all. Stately, showy, and of the easiest growth. Hardy biennials.

- 1560 **LIVINGSTON'S PRIZE MIXTURE.** An elegant mixture of all the finest classes and colors of single and double and "Cup and Saucer" varieties. Pkt. 10 cts.
- 1561 **Calycanthema "Cup and Saucer."** Our mixture includes all the best colors and varieties. Pkt. 5 cts.
- 1563 **Finest Double Mixed.** Pkt. 5 cts.
- 1564 **Finest Single Mixed.** Pkt. 5 cts.
- 1566 **Pyramidalis (Chimney Bellflower).** A hardy perennial flowering in late summer. Finest mixed. Pkt. 10 cts.
- 1568 **Carpatica.** Beautiful free-flowering, hardy perennial. Height, 9 inches. Blue and White, Mixed, pkt. 5 cts.
- 1543 **CANARY BIRD VINE.** Easy-growing, free-blooming annual climber for house or garden. Bright yellow flowers resembling a canary bird with extended wings. Height, 10 feet. Pkt. 5 cts., $\frac{1}{4}$ oz. 15 cts.



Calliopsis



Campanula (Canterbury Bells)



Livingston's True Blue Seeds

Cannas

Cannas grow nicely from seed, and will bloom the first summer if started early. Soak the seeds in warm water until they begin to swell; then sow them in a box in a sunny window or in the greenhouse. When up to the second leaf, transplant singly into pots and set out in the garden when the weather has become warm and settled.

1580 Large-flowering French Hybrids, Mixed. Early flowering and remarkable for large size and beauty of flower and foliage. This collection contains all that is best in Cannas. Pkt. 5 cts., oz. 25 cts.

1582 Dark-leaved Cannas. This mixture contains the very choicest varieties we grow in the dark-leaved Cannas. Pkt. 5 cts., oz. 20 cts.

Carnations

Seeds may be sown under glass in the spring, or in open ground, but must be protected in the winter. Half hardy.

1586 GIANT MARGUERITE. Enormous flowers; colors most varied and brilliant. They come into full bloom in four months from sowing and continue until hard frosts. Our strains are semi-dwarf and strong growers. Height, 1 foot. Our mixture is splendid. Pkt. 10 cts.

1587 Marguerite, Double White. Pure white, large flowers; stiff stalks. Pkt. 10 cts.

1588 Marguerite, Double Yellow. Pkt. 15 cts.

1585 LIVINGSTON'S PEERLESS MIXTURE. All bloom the first summer. A very choice mixture including all superb sorts. Pkt. (about 75 seeds), 15 cts.

1590 Chabaud's New Giant Perpetual. Comes into bloom in a little over four months from seed; extra-large size; fine range of colors; is very sweet-scented. Mixed colors, pkt. 10 cts.

1594 Red Grenadin. For yielding a quantity of double red flowers, no outdoor Carnation can equal it. Pkt. 10 cts.

1592 Fine Double, Mixed. Pkt. 10 cts.

Miss ALTA M. LOSE, Lucas County, Ohio, writes: *I sent for pansies and asters last year. They certainly were fine. Was well pleased with them.*



Marguerite Carnations

Candytuft (Iberis)

Candytuft is among the most highly prized of summer flowers, and no garden is complete without a large quantity of it. Grows easily and blooms all the time until frost. Splendid for cut-flowers. Hardy annual. Height, 1 foot.

1547 ROSE CARDINAL. Very large umbel of bright rose-cardinal flowers, so prolific that a bed presents an unbroken sheet of bloom. Height, 8 inches. Pkt. 10 cts., 1/2 oz. 40 cts.

1550 EMPRESS, or GIANT HYACINTH-FLOWERED. An improved strain, producing immense trusses of pure white bloom, frequently measuring 4 inches in length by 2 inches through. Fine for bedding and cutting. Height, 1 foot. Pkt. 10 cts., 1/4 oz. 25 cts., oz. 75 cts.

1545 Large-flowering Dwarf, Mixed. Pkt. 10 cts., 1/2 oz. 45 cts.

1546 Large-flowering Dwarf, White. Pkt. 10 cts., 1/2 oz. 45 cts.

1551 White Rocket. Compact spikes. Pkt. 5 cts., oz. 25 cts.

1553 Odorata. Pure white; most fragrant. Pkt. 5 cts., oz. 25 cts.

1554 Mixed Annual Sorts. Our mixture contains all of the best varieties and colors. Pkt. 5 cts., oz. 30 cts.

1556 Gibraltarica. A dwarf evergreen plant flowering in early spring and summer. Much used for rockeries, edging, or in the foreground of perennial borders. A fine little plant worthy of more general cultivation. Lilac, shading to white. Pkt. 10 cts.

1557 Sempervirens. Similar to the above except pure white. Pkt. 10 cts.

Celosia, or Cockscomb

Very attractive annual. The crested heads of flowers resemble a cock's comb. The plumed heads are like great feathers. Sow the seed directly in the garden or start early and transplant. Make fine pot plants.

Ostrich Plume Varieties

Very graceful, handsome, pyramidal plants 3 feet high, each branch tipped with brilliantly colored plume resembling an ostrich feather.

1600 THOMPSONII MAGNIFICA. Mammoth blossoms of vivid scarlet, purple, blood-red, golden yellow, salmon, etc. Height, 2 feet. Mixed colors, pkt. 10 cts., 1/4 oz. 50 cts.

1602 Gold Plume. Golden yellow. Pkt. 5 cts.

1604 Fire Plume. Fiery scarlet. Pkt. 5 cts.

Collection, the 3 new Ostrich Plume Celosias listed above, 15 cts.

Comb Varieties

1609 GLASGOW PRIZE. Large and very showy dark crimson combs. Height, 9 inches. Pkt. 10 cts., 1/8 oz. 40 cts.

1611 Finest Dwarf Mixed. A choice mixture of all sorts and colors. Pkt. 5 cts., 1/8 oz. 25 cts.



Candytuft



Centaureas

The various varieties of this popular annual include such favorites as the Bachelor's Buttons or Cornflowers, and Sweet Sultans, old-fashioned flowers of easiest culture. Height, 2 feet.

- 1616 **BACHELOR'S BUTTON** (*Centaurea cyanus*). The true old-fashioned Bachelor's Button of your grandmother's garden. Mixed colors, pkt. 5 cts., $\frac{1}{2}$ oz. 20 cts., oz. 35 cts.
 1617 **Emperor William**. Rich, deep blue Bachelor's Button. Pkt. 5 cts.

Giant-Flowering Sweet Sultans

(*Centaurea imperialis*)

The blooms are borne on long stems. Of the easiest growth; very showy in the garden all summer long. (See illustration.)

- 1620 **Giant Mixed Colors**. An elegant assortment of colors. Pkt. 5 cts., $\frac{1}{4}$ oz. 25 cts., oz. 75 cts.
 1627 **LIVINGSTON'S CHOICE MIXTURE**. A grand mixture of all the Bachelor's Buttons and Giant Sweet Sultans. Pkt. 5 cts., $\frac{1}{4}$ oz. 25 cts., oz. 75 cts.

White-Leaved Centaureas (Dusty Millers)

Silver-foliaged plants, extensively used for edging, hanging-baskets, etc.

- 1629 **Candidissima**. Very thick, broadly cut, silvery white leaves. Height, 1 foot. Pkt. 10 cts.
 1628 **Gymnocarpa**. Leaves fern-like; silvery gray color. Fine for borders. Height, $1\frac{1}{2}$ feet. Pkt. 5 cts.
Coix, Lacryma-Jobi. See Job's Tears, page 70.

Collection of Flower Seeds, page 84



Giant-Flowering Sweet Sultans

Chrysanthemums

The annual sorts bloom throughout the summer while the perennial varieties are gorgeous in the garden every fall. The plants grow from 1 to 3 feet in height.

Annual Varieties

- 1632 **Double White**. Pkt. 5 cts.
 1633 **Double Golden Yellow**. Pkt. 5 cts.
 1634 **Double Sorts, Mixed**. All the most desirable colors. Pkt. 5 cts., $\frac{1}{4}$ oz. 15 cts.
 1635 **Livingston's Choice Mixed Single and Double Sorts**. Very desirable for the summer garden; showy; free-flowering. Pkt. 5 cts., $\frac{1}{4}$ oz. 15 cts.

Perennial Varieties

- 1641 **Japanese Hybrids**. The best double-flowering varieties. Pkt. 15c.
 1644 **Inodorum** (Bridal Robe). New; pure white; extra fine. Pkt. 10c.
 1658 **Cobæa scandens**. A fine annual climber, often growing 15 to 25 feet in a season. Has handsome foliage and large, bell-shaped flowers of a beautiful deep violet-blue. Pkt. 5 cts., $\frac{1}{8}$ oz. 20 cts.

Coleus. Beautiful foliage plants, both for greenhouses and bedding out in the garden. The striking colors and brilliant variegated leaves are much admired.

- 1663 **Fine Mixed Hybrids**. Mixed seed from a very fine collection. Pkt. 10 cts.

Cyclamen

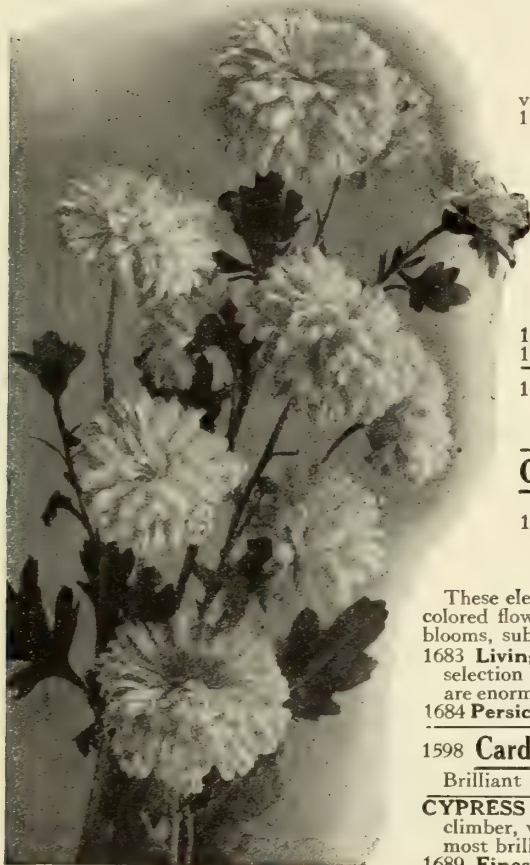
These elegant greenhouse plants have the most beautiful foliage and the richest colored flowers. Seed may be sown in the spring and autumn. For large-sized blooms, substance and brilliant colors, our strains are unsurpassed.

- 1683 **Livingston's Superb Mixture**. Our best strain; obtained by a continued selection of the choicest varieties of *Cyclamen persicum*. The individual flowers are enormous; plants are profuse bloomers; colors are rich and varied. Pkt. 25 cts.
 1684 **Persicum, Finest Mixed**. A choice assortment of varieties and colors. Pkt. 10c.

- 1598 **Cardinal Climber**. An annual climber of wonderful vigorous growth, climbing 20 feet in a season. Beautifully cut foliage. Brilliant fiery scarlet flowers. Pkt. 15 cts., $\frac{1}{8}$ oz. 25 cts.

CYPRESS VINE (*Ipomæa Quamoclit*). This is a beautiful, rapidly growing annual climber, with delicate dark green, finely cut, fern-like foliage and masses of the most brilliant and graceful star-shaped flowers.

- 1689 **Finest Mixed**. A mixture of pure white and bright scarlet. Pkt. 5 cts., $\frac{1}{8}$ oz. 15 cts.



Chrysanthemums



Livingston's True Blue Seeds



Livingston's Mammoth Cosmos

None of our autumn flowers are more prized than the Cosmos. The thrifty plants produce thousands of the most elegant blossoms in pure white, pink, and crimson shades. As a decorative garden plant its value is inestimable, while as cut-flowers for home decoration nothing is finer, especially as Cosmos are in bloom when other outdoor flowers are getting scarce. Plant the seed directly in the garden as soon as the settled spring weather comes, or you may start the plants early in a box in the house and transplant them. In the garden set the plants 1 to 1½ feet apart. One of our most desirable and easy-growing annuals. Height, 5 to 6 feet.

EXTRA-EARLY MAMMOTH. This is a new strain of Cosmos especially selected for size of flowers and earliness. In this new strain we overcome what is very often a disappointment—not getting flowers before frost. The growth of this new Cosmos is so rapid that seed can be sown out-doors where the plants are to grow and within a few weeks the plants will be covered with a mass of large, beautiful flowers and will continue to bloom until frosts come in the fall.

1676 **White.** Pure white. Pkt. 15 cts., ¼ oz. 30 cts.

1677 **Pink.** Light pink. Pkt. 15 cts., ¼ oz. 30 cts.

1678 **Crimson.** Brilliant. Pkt. 15 cts., ¼ oz. 30 cts.

1670 **Mixed.** A well-blended mixture of the above colors. Pkt. 15 cts., ¼ oz. 25 cts., oz. 75 cts.

Mammoth Perfection, Giants of California. A magnificent strain. The individual flowers are of enormous size and the most perfect form, while the colors are richly brilliant. These represent the highest developed types in Cosmos. Will keep a week in water after being cut.

1672 **Mammoth Perfection, Mixed.** A superb mixture of every color and shade in these splendid Cosmos. Pkt. 5 cts., ¼ oz. 15 cts., oz. 50 cts.

Orchid-Flowered Cosmos

1680 **Lady Lenox.** Flowers 4 to 5 inches in diameter. Color a delightful shell-pink, lighting up beautifully at night. Splendid variety. Height, 6 to 7 feet. Pkt. 10 cts., ¼ oz. 25 cts.

1681 **Lady Lenox, White.** Similar to above except white. Pkt. 10 cts., ¼ oz. 25c.



Double-Crested Cosmos

New Double-Crested Cosmos

A new class, producing beautifully crested flowers most striking in appearance. Although there are a few singles in this strain, a large percentage come true, both as to color and character. From seed sown in the open ground the beginning of May, plants will flower the latter part of July and continue until frost. The graceful foliage and the starry crested blooms lend themselves to the most artistic arrangement. See page 6.

	Pkt.	¼ oz.		Pkt.	¼ oz.
1666 Pink Beauty	\$0 20	\$0 50	1668 White Queen	\$0 20	\$0 50
1667 Crimson King	20	50	1669 Mixed	20	50

Giant Double Daisies (Bellis perennis)

A charming little plant for pots, edgings and borders. (See illustration.) Sow the seeds very early and plants will bloom the first year and continue to bloom each season if given some protection during winter. They do best in a rich soil and quite cool situation. Especially desirable for cemetery decorations. Perennial. Height, about 6 inches.

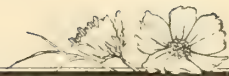
1710 **Monstrosa, Pink.** Desirable double sort; dark pink; large flowers. Pkt. 10 cts.

1711 **Monstrosa, White.** A large and very double pure white variety. The flowers make fine cut-flowers as the stems are very long. Pkt. 10 cts.

1712 **Monstrosa, Mixed.** This assortment includes the Pink and White Monstrosa, as well as many other finest sorts. Pkt. 10 cts.



Giant Double Daisies



Dahlias

Dahlias are easily grown from seed and bloom profusely the first season. Their colors are especially rich and brilliant. Some specimens grown from seed are fully equal to the named sorts. There is a fascination in growing Dahlias from seed as they always produce many new types and colors. The double sorts do not bloom as early as do the singles, and should be started early to produce fine bloom the first season. As soon as the plants are large enough and the weather warm, plant in the open, not closer than 2 feet apart. Protect the tubers over winter in a dry cellar in sand.

1695 **Large-flowering Single Mixed.** Splendid assortment of single-flowering varieties. Pkt. 5 cts.

1698 **Large-flowering Choicest Double Mixed.** This elegant assortment of seed is saved from round, double flowers; many beautiful colors. Pkt. 10 cts.

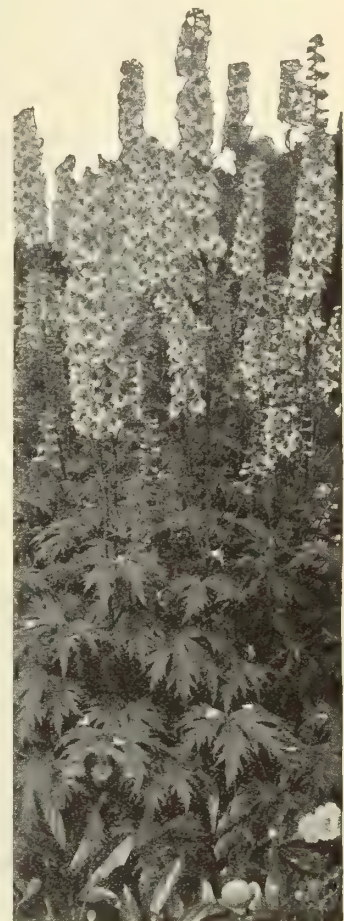
1702 **Cactus Varieties, Choicest Mixed.** Most popular at the present time; distinct and elegant; petals pointed; blooms perfectly double. Pkt. 10 cts.

1705 **Livingston's Superb Dahlia Mixture.** This splendid assortment embraces every variety of Dahlias, both single and double, described on this page, as well as many other fine sorts. Will make an elegant bed at small cost. Pkt. 15 cts.

Delphinium

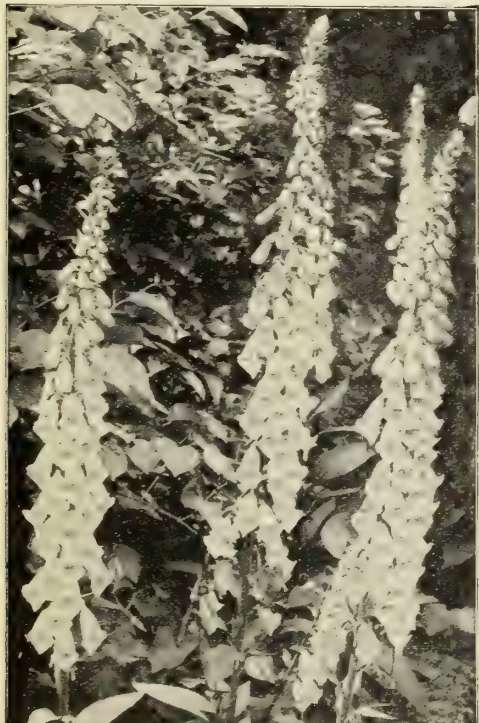
Hardy Perennial Larkspur

One of our most brilliant and effective hardy garden plants. Of late years the size and colors of the flowers have been wonderfully improved. Persistent bloomers, even in the driest seasons. Height, 2 to 4 feet.



Delphinium

1726 **NEW GIANT-FLOWERING HYBRIDS.** These magnificent hybrids, the grandest of Delphiniums in existence, produce splendid spikes of immense flowers, semi-double and double. Flower-spikes are from 2 to 5 feet in length. The colors are very beautiful, ranging from pure white through all the shades of lavender and blue. Mixed colors, pkt. 20 cts., $\frac{1}{8}$ oz. 60 cts.



Digitalis (Foxglove)

1728 **Bellamosa.** A dark blue form of the popular light blue Belladonna. It is identical in habit of growth, freedom of bloom, and has all the good qualities of the former, but with intensely rich, deep blue flowers. Pkt. 20 cts., $\frac{1}{8}$ oz. 75 cts.

1734 **BELLADONNA.** Light sky-blue flowers, with light centers; a very fine variety. Height, 4 feet. Pkt. 20 cts., $\frac{1}{8}$ oz. 75 cts.

Annual Delphiniums. See Larkspur, page 70

Digitalis

Foxglove, or Witch's Fingers

The Foxglove, in common with all the hardy perennials, is being planted more extensively each season. The large, tube-like flowers, which are produced so freely in beautiful spikes, add much to our hardy beds and borders. Being of the easiest growth, and doing finely in partially shaded situations, they fill in many gaps most advantageously. Height, 3 feet.

1782 **Gloxiniæflora.** A beautiful class, with spotted flowers. We offer a mixture of the finest varieties. Pkt. 5 cts., $\frac{1}{8}$ oz. 20 cts.

1784 **Grandiflora.** A variety that grows about 2 feet in height. A very fine yellow in color. Pkt. 5 cts., $\frac{1}{8}$ oz. 20 cts.

1786 **Monstrosa** (Mammoth Foxglove). A grand strain. The top flowers of the spikes are of enormous size. Our assortment of colors is very fine. Splendid mixed, pkt. 5 cts., $\frac{1}{4}$ oz. 35 cts.

1788 **Purpurea, Finest Mixed.** This is the common Foxglove so generally known. Contains many fine varieties. Pkt. 5 cts., $\frac{1}{8}$ oz. 20 cts.



Livingston's True Blue Seeds

Dianthus, or Pinks

This elegant family contains many of the most valuable and popular flowers in cultivation. All the sorts classed as annuals may be sown directly in the garden as soon as danger from frost is past. Elegant as cut-flowers. 1 foot.

Hardy Garden or Clove Pinks

This splendid class of hardy perennial Pinks should be in all gardens. They have the delightful clove fragrance.

1778 New Double Large-flowering Grass or Spice Pinks (*D. plumarius semperflorens fl.-pl.*). One foot high. The flowers, which are beautifully fringed, are much larger and more double than the old varieties, while the colors are far richer, including a large variety of colors and markings not known to the old-fashioned Pinks. Many are exquisitely spotted and splashed. They emit a delightful, sweet-scented, spicy odor. Perfectly hardy, requiring only the ordinary culture of the Pinks. They increase in size and beauty every year. Bloom profusely during the spring and early summer. Pkt. 25 cts.

1772 New Single Large-flowering Grass or Spice Pinks, Mixed. Same as above, only single. Pkt. 5 cts.

1777 LIVINGSTON'S MIXTURE OF HARDY GARDEN PINKS. A magnificent strain of hardy garden Pinks containing all the sorts described on this page and many new varieties not listed by us. Choicest single and double sorts of bright and brilliant colors make this mixture one of the most desirable for the hardy garden. Pkt. 10 cts., $\frac{1}{4}$ oz. 30 cts., $\frac{1}{2}$ oz. 50 cts.

Double Annual Pinks

1740 NEW GIANT FRINGED AND RUFFLED PINKS, Double Marvelous or Japanese Fringed Pinks (*D. mirabilis fl.-pl.*). This remarkable and perfectly distinct new strain produces large, perfectly double flowers on stiff, upright stems. The petals are deeply cut into fine strips of thread-like fringes for about half their length, and are twisted in all directions, presenting a novel aspect. In color, they vary greatly, having all shades from pure white to deep purplish red. Pkt. 15 cts.



Livingston's Mixture of Hardy Garden Pinks

Double Annual Pinks, continued

1744 Laciniatus (Double Fringed Pinks). Magnificent flowers; very large; double. Mixed colors; striped and fringed edges. Pkt. 5 cts., $\frac{1}{4}$ oz. 25 cts.

1754 Snowball. Double, white, fringed flowers; fine varieties. Pkt. 5c.

1760 Livingston's Mixture of Double Pinks. A splendid combination of all the best varieties. Pkt. 5 cts., $\frac{1}{8}$ oz. 30 cts.

Dolichos (Hyacinth Bean)

A splendid annual climber, with hyacinth-like clusters of purple and white flowers, which are followed by exceedingly ornamental seed-pods. Is of most rapid growth and stands summer heat well. Sow the seeds in the garden in May where the plants are to remain.

1794 Finest Mixed. Very choice mixture of all the best climbing varieties. Pkt. 5 cts., $\frac{1}{2}$ oz. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts.

Eschscholtzia (California Poppies)

Most attractive annuals of the easiest culture, their flowers being bright and showy. They are splendid for bedding, massing, or ribbon-work. The plants grow bushy and grow about one foot high. They are favorites everywhere. Bloom profusely from spring-sown seed. (See illustration.)

1804 Golden West. Early and continuous bloomer. Magnificent flowers of gigantic size. Color intense shining yellow and orange. The state flower of California. Pkt. 5 cts., $\frac{1}{4}$ oz. 15 cts.

1806 Finest Double Mixed. A splendid assortment of colors. Pkt. 5 cts., $\frac{1}{4}$ oz. 15 cts., oz. 50 cts.

1808 Finest Single Mixed. All the best varieties. Pkt. 5 cts., oz. 25 cts.

1811 BUSH ESCHSCHOLTZIA (Hunemannia). A fine new perennial plant; forms a bushy shrub 2 feet high, producing large cup-shaped flowers on stems 1 foot long; of clear jonquil-yellow and vivid bright orange stamens. Begins to bloom in July from spring-sown seed. Pkt. 5 cts.

If you are intending to plant a flower-garden and are undecided as to just what to plant, refer to page 84 of this catalogue where you will find our "Rainbow Collection" of annual flowers at 75 cts., and also our "Bright Array" collection at 35 cts.

On pages 6 and 7 will be found a few of our specialties. Include these in your order this year



Eschscholtzia



FUCHSIAS (Lady's Eardrops). These well-known plants will flower the first season from seed, if started early. As house plants for winter they are always general favorites. The seed we offer is saved from a fine collection of double and single sorts.

1826 **Best Sorts Mixed.** Pkt. 15 cts.

FOUR O'CLOCK. See Marvel of Peru, page 70.

FORGET-ME-NOT. See Myosotis, page 72.

1824 **FEVERFEW** (*Matricaria*). Free-flowering annuals about 1 foot high; very compact and bushy. Splendid for beds and borders; also fine as cut-flowers or for pots. The double, white blooms are very useful in bouquets. Pkt. 10 cts., $\frac{1}{8}$ oz. 20 cts.

See Perennial Collection on page 84



Gaillardia grandiflora

Gaillardia (Blanket Flower)

There are annual and perennial Gaillardias. The annual sorts bloom all summer and autumn, and are noted for the profusion, size, and brilliancy of their flowers; excellent for beds and borders. The perennial varieties are grand and wonderfully effective in the hardy borders, their especial value being constant blooming from July until hard freezing weather. They require no winter protection, although applications of manure increase their strength. If the seed is sown early they will begin flowering at midsummer. Both classes are splendid as cut-flowers of easy culture, doing finely anywhere. Height, 2 feet.

1830 **Finest Single Annual, Mixed.** A very fine assortment of many brilliant colors. Pkt. 5 cts.

1832 **Finest Double Annual, Mixed** (*G. Lorenziana*). All the best double-flowering varieties in richest mixture. They bloom freely all the season. Splendid for bouquets. Pkt. 5 cts.

1834 **GRANDIFLORA HYBRIDS, Finest Mixed.** One of the most elegant perennials; is in continuous bloom from June until frost. The enormous flowers are a magnificent combination of red and yellow. Splendid to cut for vases. Pkt. 5 cts.

1836 **Grandiflora compacta.** A compact-growing variety similar in bloom to the Grandiflora Hybrids, but only grows about 15 inches high. Its flowers are of the richest colors, and the stems are long. A very fine variety. Pkt. 5 cts.

1854 **GODETIA** (Satin Flower). An attractive and very beautiful hardy annual. In full bloom all summer, so profuse that the foliage is almost hidden by the large wide-open flowers; of shining satiny texture and the most delicate and brilliant colors. Our mixture contains all the best varieties. Height, $1\frac{1}{2}$ feet. **Mixed**, pkt. 5 cts., $\frac{1}{8}$ oz. 15 cts.



Fuchsias

Geraniums

These popular plants are most easily raised from seed, and if started early will produce flowering plants the first summer. Start in the house and transplant to the garden as soon as the weather is warm. You will find that the varieties we offer are of very superior quality.

1842 **Finest Mixed.** Pkt. 10 cts.

1843 **Large-flowering Double Varieties.** Splendid strain; seed is saved from the finest double sorts. Pkt. 25 cts.

1845 **Lady Washington.** These are the well-known rich-colored showy Pelargoniums. Our mixture includes all the best varieties. Pkt. 20 cts.

1846 **Apple-Scented.** The old-fashioned favorite apple-scented Geranium. Pkt. 10c.

Gourds

1862 **Bath-Sponge, or Dish-Cloth.** A most admirable natural dish-cloth is furnished by the peculiar sponge-like lining of this fruit. Pkt. 5 cts., $\frac{1}{8}$ oz. 20 cts., oz. 35 cts.

1865 **Dipper.** Used for dippers; 9 to 12 inches long; hold from 1 to 4 pints; will last for years. Pkt. 5 cts., oz. 25c.

1868 **Japanese Nest-Egg.** Exactly like a hen's egg in shape, color, and size. Pkt. 5 cts., $\frac{1}{8}$ oz. 15 cts., oz. 25c.

1872 **Sugar Trough.** Holds 4 to 10 gallons; hard, thick shells; very light, and strong. Pkt. 5 cts., oz. 25 cts.

1860 **Gourd Mixture.** Contains all of the above sorts. Pkt. 5 cts., oz. 20 cts.

GLOBE AMARANTH. The flowers resemble clover-heads and can be dried and used in winter bouquets. Very effective in beds or borders. Height, 2 feet.

1848 **Red.** Pkt. 5 cts., $\frac{1}{8}$ oz. 25 cts.

1849 **Pink.** Pkt. 5 cts., $\frac{1}{8}$ oz. 25 cts.

1850 **White.** Pkt. 5 cts., $\frac{1}{8}$ oz. 25 cts.

1851 **Mixed.** Pkt. 5 cts., $\frac{1}{8}$ oz. 25 cts.



Geranium

GYPSOPHILA paniculata (Baby's Breath). An elegant hardy perennial plant that should be in every garden. It is pretty in beds, and its delicate little flowers are produced in feathery white panicles; fine in bouquets.

1878 **Paniculata.** Fine cut-flower. Pkt. 5 cts., $\frac{1}{8}$ oz. 15 cts.

1879 **Paniculata fl.-pl.** Double. Pkt. 25 cts., $\frac{1}{8}$ oz. \$2.



Gypsophila paniculata (Baby's Breath)



Livingston's True Blue Seeds

Helichrysum (Straw Flower)

MONSTROSUM FL.-PL. One of the best of the "everlastings."

They succeed in any good garden soil. The large, double flowers of rich, glittering colors make a fine display in beds or borders, but are especially grown to dry for winter use in baskets, vases, etc. When grown for winter use, they should be cut when the flowers are about one-third open, but with as long stems as possible; take off all foliage, tie in bunches, and hang head downward in some dark, dry place until the stems are thoroughly dry. Our seeds are of the Monstrosa or large-flowering type, which insures you an abundance of large, double flowers of the most brilliant colors. Helichrysum should be planted 12 inches to 15 inches apart, to give them plenty of room to develop. Hardy annual $2\frac{1}{2}$ to 3 feet high. We offer the following choice colors and our special mixture. See these in color on inside back cover of this catalogue.

- | | |
|---|--------------------------------------|
| 1885 Golden Globe. Golden yellow. | 1887 Crimson. Striking color. |
| a1885 Canary-Yellow. Clear yellow. | a1887 Rose-Carmine Shades. |
| 1886 Silver Globe. Glistening white. | a1888 Salmon. Rosy salmon. |
| a1886 Fireball. Intense red. | 1889 Violet. Very rich color. |
| | a1889 Salmony Red. Beautiful. |
| | 1890 Scarlet. Very showy. |
| | 1891 White. Pure white. |

Prices of above, separate colors, pkt. 10 cts., $\frac{1}{4}$ oz. 25 cts.

1888 **Mixed.** A mixture of the above and other colors. Pkt. 10 cts., $\frac{1}{4}$ oz. 20 cts.

Heliotrope

Easily raised from seed. Spring planting gives fine summer-blooming plants. As a bouquet flower it is always a favorite.

1880 **LEMOINE'S GIANT HYBRIDS.** Grand flowers, double the size of the older sorts. Bushes compact, about 18 inches high; heads of mammoth blossoms often measure a foot across. Deliciously fragrant. Seed sown in the spring will produce flowering plants by July, which continue in flower until frost. Mixed, including Purple, White, Lavender, and Blue. Pkt. 10 cts.

1882 **Dark Varieties, Mixed.** All best dark blue and lavender shades in mixture. Pkt. 5 cts.

1884 **All Sorts Mixed.** In best assortment; all shades, both light and dark. A very desirable strain. Pkt. 5 cts.

Hardy Garden Heliotrope. See Valeriana, page 82.

Mrs. SARAH BENDER, Whitney County, Indiana, writes: *I have sent to your house for seed over forty years and am sending for some now. We had lovely flowers last year, as we got the seed from you.*



Kochia (Summer Cypress)



Heliotrope

Humulus (Japanese Hop)

Splendid climber. Has handsome foliage, which resembles that of the common hop vine. Never suffers from heat or attack of insects; easiest culture.

1920 **Japonicus.** Has bright green foliage. Pkt. 5 cts.

1922 **Silver-Leaf.** Unusually beautiful variety of rapid-growing summer climbing vine. Leaves deep green, beautifully striped and blotched with silvery white and gray. Will reach a height of 20 to 30 feet in three or four weeks' time. Pkt. 5 cts., $\frac{1}{2}$ oz. 20c.

Hibiscus (Marshmallow)

Tall growing; especially adapted to backgrounds and shrubbery borders. Of easiest culture, and bloom the entire season. Height, 4 to 5 feet.

1994 **Mallow Marvels.** A robust type of upright habit, producing an abundance of flowers of enormous size in all the richest shades of crimson, pink, and white. **Mixed colors,** pkt. 10 cts.

1925 **ICE PLANT** (*Mesembryanthemum*). A very pretty trailing annual that has fleshy, wax-like leaves, which have the appearance of being covered with ice crystals. Splendid for rock-work, vases, or hanging-baskets. Flowers are white. Start seed in the house. Pkt. 5 cts.

1660 **JOB'S TEARS** (*Coix Lacryma-Jobi*). Very ornamental plant, producing hard, shining seeds. Much used for bead curtains, raffia work, etc. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 20 cts., lb. 60 cts.

1932 **KENILWORTH IVY** (*Linaria Cymbalaria*). A hardy perennial trailing plant suitable for vases, etc. Adapted to shady locations. Easily grown from seed. Lovely little lavender and purple flowers and exquisite foliage. Pkt. 10 cts.

1934 **KOCHIA Childsii.** **Summer Cypress, or Burning Bush.** This splendid annual plant grows very quickly from seed sown in the open ground as soon as the weather permits in spring. The plants always make attractive globe-shaped bushes, as large sometimes as 3 feet high and 2 feet across. Leaves slender and of a light pea-green color until September, when they turn to carmine and blood-red; at the same time ends of shoots are thickly set with small bright scarlet flowers and produce a very striking effect. Pkt. 10 cts., oz. 35 cts.

MARY A. DRISCOLL, Worcester County, Massachusetts, writes: *The strawflowers I received from you are beautiful and the tomatoes are good.*



Livingston's Prize Hollyhocks

fine winter-blooming plants. Start seeds in the house or hotbed. Tender perennial. Height, 1½ feet. Pkt. 5 cts., ½oz. 15 cts.

1957 LAVENDER (*Lavendula vera*). True Lavender. Popular, sweet-scented, hardy perennial; fine for mixed border. Height, 3 feet. Pkt. 5c.

Lobelia

Exceedingly pretty, profuse-blooming plants of great value, both in the garden and for hanging-baskets, window-boxes, and vases, especially prized for edgings of beds and borders. Plants grow about 6 inches high. They are treated as annuals and are of the easiest culture.

1958 Crystal Palace Compacta. Best dark blue sort for edgings and carpet bedding. Pkt. 10 cts., ½oz. 40 cts.

1962 Gracilis. Fine for hanging-baskets, vases, and window-boxes. Light blue; a trailing variety. Pkt. 5 cts.

1964 Mixed Compacta Sorts. A very fine mixture of all the best varieties for edgings and bedding. Pkt. 5 cts.

LYCHNIS. Few plants produce as bright flowers and bloom as continually as Lychnis. A hardy perennial, but flowers the first season from seed if same is sown early. Height, 2 feet.

1971 Finest Mixed Hybrids. Plants are compact and bushy; colors include all the most brilliant shades, from pure white to deepest red. Pkt. 5 cts.

Try a packet of our Children's Flower Garden Mixture for children. See page 84

Hollyhocks

Hollyhocks require a rich soil, but it must be well drained. We give especial attention to this flower, and you will find our strains of seed of the finest quality. Once thoroughly established, they bloom stronger and more brilliant every year. Seeds sown early, and the young plants transplanted several times, will bloom the same season; July- and August-sown seed, following year. Height, 5 to 8 feet.

Livingston's Prize Hollyhocks. These are the largest flowering and most perfectly double Hollyhocks we have been able to procure after many years of selection of only the best varieties. The colors are rich and brilliant, the plants free from disease, as well as very robust and strong growers; in fact, we believe our strain to be unsurpassed in every respect. We offer several separate colors and our best mixture.

1896 Double Black	1901 Double Crimson
1897 Double Lemon-Yellow	1904 Double Scarlet
1898 Double White	1905 Double Salmon
1900 Double Rose-Pink	

Each color, pkt. 10 cts.

1908 LIVINGSTON'S PRIZE MIXTURE. This is our best mixture. It is composed exclusively of the finest double-flowering varieties. It contains not only the above elegant colors, but also innumerable other shades. Pkt. 10 cts., ½oz. 20 cts.

1910 Mammoth Allegheny. Attractive variety. Its lovely arranged, fringed and transparent petals look as if they were made from the finest China silk. The individual flowers are enormous in size, and in color they range from the palest pink to deepest red. In form the flowers are double, semi-double, and single. Plants are in full bloom from July until frost. Pkt. 10 cts., ½oz. 20 cts.

1913 Mixed Annual Everblooming Hollyhocks. These glorious new hybrids may be grown from seeds and will flower the same year as quickly as any garden annual. The plants can be treated as annuals. The seeds may be started in the house, or in hotbeds, frames, etc., in March or April. Plants transplanted by the beginning of May in the open ground will commence to flower about the end of July, ten days after Hollyhocks that have been treated as biennials. Pkt. 10 cts., ½oz. 30 cts.

1936 KUDZU VINE (*Pueraria Thunbergiana*). This wonderful climber is of Japanese origin and is the most luxuriant and rapid-growing vine known in horticulture. It will grow 8 to 10 feet the first year from seed, and after becoming established will produce vines 50 feet high in a season, sometimes growing 1 foot in a single day. Produces a tuberous root which is perfectly hardy everywhere. Foliage is very luxuriant, quickly forming a dense shade. Unequaled for porches, arbors, trellises, etc. Pkt. 10 cts., ½oz. 25 cts.

1938 LANTANA, Mixed. Popular, free-blooming and very rapid-growing plants with flower-heads of various colors, which are continually changing; emit a powerful aromatic perfume; plants are completely loaded with blossoms, succeeded by berries which, when



Lantana



Livingston's True Blue Seeds

Larkspur (Annual Delphinium)

Annual Larkspur is one of the old-fashioned flowers improved by culture. The long, slender spikes are very graceful, and are beautiful either in the border or as a cut-flower. The wide range of intermediate shadings make them a delight. They thrive in almost any soil, but a sunny situation suits them best. Seed should be sown as soon as the weather becomes warm, in shallow drills. When well started, thin out to stand 8 inches apart.

	Pkt.	1/2 oz.
1940 Tall Stock-flowered. White.....	\$0 10	\$0 25
1941 Tall Stock-flowered. Shell-pink.....	10	25
1942 Tall Stock-flowered. Bright rose.....	10	25
1943 Tall Stock-flowered. Dark blue.....	10	25



Four o'Clock



Annual Larkspur

1944 STOCK-FLOWERED. These tall-growing and branching Larkspurs produce the most brilliant spikes of double flowers; continuously in bloom all summer. All colors mixed, pkt. 5 cts.

1949 Giant Hyacinth-Flowered. Tall; a superb class. The splendid flowers are very large, very double and of various beautiful colors, shadings and markings; long spikes of bloom like immense hyacinths. Pkt. 10 cts., 1/2 oz. 30 cts.

1951 Double Dwarf Rocket. A most choice mixture of varieties, that grow about 1 foot in height. Pkt. 5 cts., 1/2 oz. 15 cts.

1953 Double Tall Rocket. This well-known mixture embraces the very choicest colors in the taller growing sorts. Pkt. 5 cts., 1/2 oz. 15 cts.

For Perennial Larkspur, see Delphinium, page 65

Marvel of Peru (Four o'Clock, or Mirabilis)

This old-fashioned favorite is one of our easiest grown annuals. The plants are bushy, about 2 feet high, and completely covered all summer with large, showy, very fragrant blooms.

1995 Variegated. The brilliant flowers, in many colors, contrast finely with the golden-hued foliage. Pkt. 5 cts., oz. 25 cts.

1997 Finest Mixed. An elegant assortment of these old-fashioned favorites. Pkt. 5 cts., oz. 20 cts., 1/4 lb. 60 cts.

Mignonette (Reseda)

Without Mignonette in our gardens, something indeed would be missing. Its large, deliciously fragrant spikes of bloom are everyone's admiration. Make successive sowings in the garden, from April to July, and thin out to 6 inches apart. Pinch top off when about 2 inches high for best results. Height 1 to 2 feet, according to the variety.

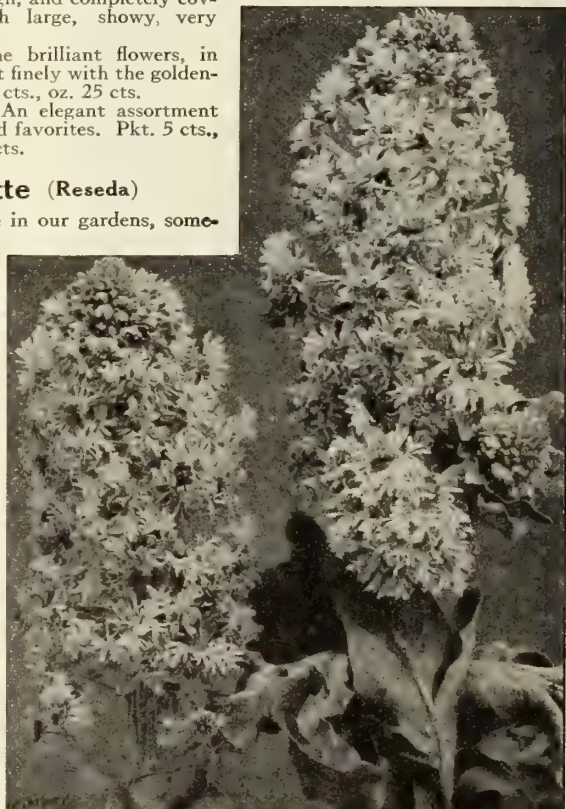
2006 Golden Machet. Golden yellow. Pkt. 10 cts., 1/2 oz. 15 cts.

2011 Odorata. Pkt. 5 cts., oz. 25 cts.

2016 Finest Mixed. Pkt. 5 cts., 1/4 oz. 15 cts., 1/2 oz. 25 cts.

Mrs. R. E. BARNES, Bradford County, Pa., writes: *Bought seed of above in my own town, planted twice and no Morning-Glories in sight. Have been much pleased with your seeds and know I shall still have Morning-Glories altho it is a bit late.*

Mrs. D. W. TANNER, Jefferson County, Ohio, writes: *I have the most gorgeous Sweet Peas grown from your seed.*



Mignonette



Orange and Lemon Ball Marigolds

French Marigolds

- 1984 LEGION OF HONOR (Little Brownie).** Handsome single variety, covered with a multitude of flowers. In color it is a velvety golden yellow blotched with purple. Height, 1 foot. Pkt. 5 cts., $\frac{1}{2}$ oz. 20 cts.
- 1988 Tall Double, Mixed.** A splendid assortment of all the best colors in striking combinations. Height, $2\frac{1}{2}$ feet. Pkt. 5 cts., $\frac{1}{2}$ oz. 25 cts., oz. 40 cts.
- 1990 Dwarf Double Mixed.** Similar mixture to No. 1980 in colors, but the plants grow much dwarfer. Height, 1 foot. Pkt. 5 cts., $\frac{1}{2}$ oz. 25 cts., oz. 40 cts.

Mrs. J. I. STIVENSON, Indiana Co., Pa., writes as follows: "I used your seeds last season and will say they give the best results of any seed I used. I expect to continue to use them in the future."



MOONFLOWER

Livingston's Marigolds

These old-fashioned favorites are annuals of the very easiest cultivation. Both the French and African classes are very effective. The former have the small, velvety flowers, in pretty combinations of yellow, brown, maroon, and striped effects; the African sorts are the enormous flowered ones, in very showy orange and lemon shades. (See illustration.) Both kinds are most popular for beds and borders, and planted in large blocks are very attractive. They bloom profusely all summer. Start the seed early in a box in the house or plant directly in the garden when the weather is warm. Fine as cut-flowers. French sorts make nice pot plants.

African Marigolds

- 1972 LEMON BALL.** Extra-large, round, double flowers of a clear canary-yellow. Pkt. 10 cts., $\frac{1}{2}$ oz. 40 cts., oz. 75 cts.
- 1973 ORANGE BALL.** Enormous double flowers of intense rich orange. Flowers produced in great profusion from July until cut down by frost. Pkt. 10 cts., $\frac{1}{2}$ oz. 40 cts., oz. 75 cts.
- 1978 Mammoth Tall, Mixed.** A splendid assortment of all the best shades in African Marigolds. Height, 3 feet. Pkt. 5 cts., $\frac{1}{2}$ oz. 25 cts., oz. 40 cts.
- 1980 Mammoth Dwarf, Mixed.** The flowers are enormous in size, but the plants grow dwarfer. Height, $1\frac{1}{2}$ feet. Pkt. 5c., $\frac{1}{2}$ oz. 25 cts., oz. 40 cts.



Legion of Honor (Little Brownie) Marigolds

Moonflowers (*Ipomoea noctiflora*)

Splendid annual climbers of most rapid growth, with beautiful and varied flowers. For covering old walls, trellises, arbors or stumps of trees, they are valuable. The seed should be lightly cut at the end and soaked over night before planting.

- 2038 Northern Light.** The earliest blooming of all the Moonflowers. Its lovely pink flowers are produced by the thousands, all summer and fall. Pkt. 10 cts.
- 2040 WHITE-SEDED.** The variety most generally grown, being large in flower, firm in texture, and very fragrant. It bears in graceful profusion its immense lovely, white flowers, 5 to 6 inches in diameter, with a five-pointed star in the center. Pkt. 10c.
- 2042 Cross-Bred or Hybrid.** A variety of great value for the North, as it is in bloom a month earlier than the above. Flowers are pure white, large and fragrant. A very rapid grower. Height, 20 to 40 feet. Pkt. 10 cts.



Livingston's True Blue Seeds

Morning-Glories

2024 GIANT IMPERIAL JAPANESE. One of the most valuable and popular annual climbers introduced in years. This strain of mammoth-flowering Morning-Glories is most justly celebrated for the beauty of both flowers and foliage. Magnificent in size and bloom—4 to 6 inches across. The great variety of rich and delicate colors, tints and markings is wonderful. Our mixture of seed of these is superb. Pkt. 10 cts., 1/2oz. 15 cts., oz. 25 cts., 1/4lb. 75 cts.

2026 Finest Mixed Japanese. Very choice strain; flowers large, and in greatest variety of colors and shades. Pkt. 5 cts., 1/2oz. 10 cts., oz. 15 cts.

2028 Fancy Fringed Japanese. This is a splendid mixture, made up exclusively from the best fringed varieties. The range of color is very great and fringed-edged blooms very beautiful. Pkt. 10 cts., 1/2oz. 25c., oz. 35 cts.

2022 Morning-Glories (*Convolvulus major*). These are the old-fashioned favorites that everybody loves. No climber is more useful, as they grow so quickly and cling to anything. Splendid mixed with other vines, especially nasturtiums. Our mixture contains all the choicest and brightest sorts. Pkt. 5 cts., oz. 10 cts., 1/4lb. 25 cts., lb. 75 cts.

2030 Brazilian Morning-Glories (*Ipomaea setosa*). This desirable climber makes a thick, dense growth of great lobed leaves, and is brilliant, with an endless profusion of immense clusters of rose-colored flowers, with a satiny pink star in the center of each. Pkt. 10 cts.



GIANT JAPANESE MORNING GLORIES



Japanese Morning-Glories



Dwarf, or Bedding Morning-Glories

2036 Choice Mixed. A very large assortment of these richly colored favorites. Pkt. 5 cts., oz. 15 cts.

Myosotis (Forget-me-nots)

The Forget-me-not is an old favorite, hardy perennial, bearing clusters of star-shaped flowers. Succeeds best in a moist, shady situation, and blooms the first year from seed sown early. Sow seed in autumn, flowers in early spring.

2050 Palustris (True Forget-me-not). Beautiful blue. Height, 6 inches. Pkt. 10 cts.

2051 Alpestris. Bright blue. Pkt. 5 cts.

2054 Semperflorens. Splendid dwarf Forget-me-not; will thrive in sun or shade, covered from early to late with beautiful blue flowers. Pkt. 5c.

2058 Finest Mixed. A mixture of all the finest sorts. Pkt. 5 cts.

Mrs. D. CONGER, of Anderson, Madison County, Ind., writes: *I have bought seeds from you for many years and won a great many prizes, but last year was the best yet. I won first on best collection of vegetables at our county fair and first and second on sweet peas at the tri-county fair, August 1. Thought you might like to hear of my success.*

Our flower seed collections are great bargains. (See page 84) Don't fail to include some of them in your next order to us. We are sure you will be more than pleased.

Nicotiana

Sweet-Scented Tobacco Plant

2158 Affinis. A very popular sort; its flowers are pure white and deliciously fragrant. Always in bloom. Pkt. 5 cts.

2160 Sanderae. This beautiful hybrid *Nicotiana* forms bushy, much-branched plants 2 feet high, the whole plant laden with flowers from base to summit—literally ablaze with handsome carmine-red fragrant blossoms, hundreds of which are produced on a single plant. Pkt. 10 cts.

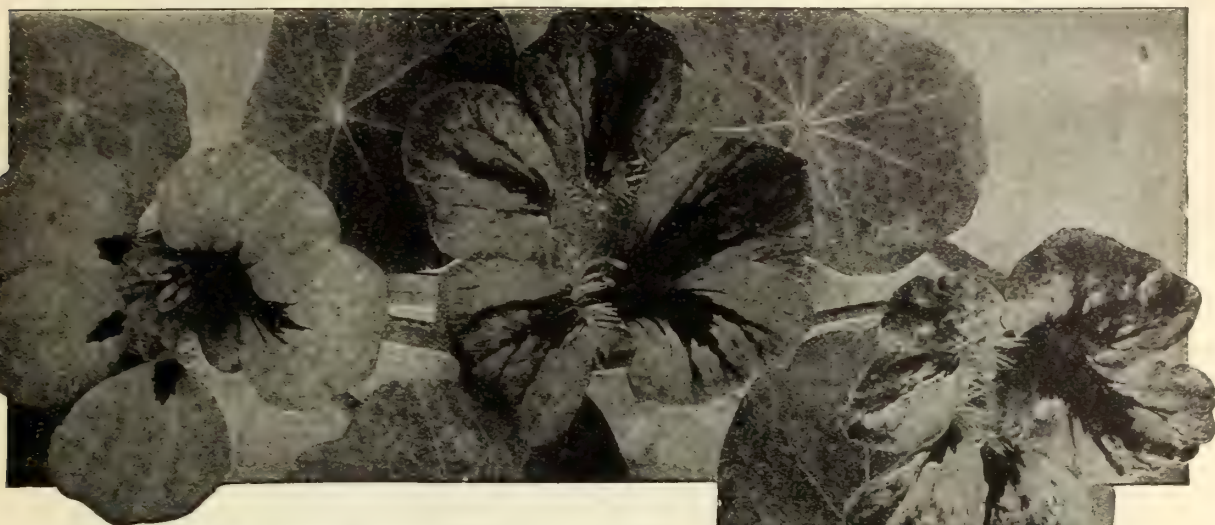
2163 NIGELLA, Mixed (Love-in-a-Mist). A very popular, old-fashioned flower, free-flowering, with finely cut foliage surrounding the curious-looking flowers and seed-pods. Easily grown from seed. Pkt. 5 cts.

Livingston's "True Blue" Flower Seeds

are grown for us by specialists who have had years of experience, and are situated where the climate is best suited to their perfect development. You will take little risk in using them.



Myosotis



Giant-Flowering, Tall or Climbing Nasturtiums

For many years we have made a specialty of Nasturtiums, devoting great care to selecting, improving, and hybridizing them. The result of our labors we offer to our customers in this **Perfection Collection of Giant-flowering Nasturtiums**, which we unqualifiedly believe to be the **grandest collection of Nasturtiums ever offered**. It contains seven giant-flowered kinds, each a distinct and beautiful color. They grow easily and bloom freely and, from early summer until killed by frost, are a mass of beautiful flowers, mammoth in size and gorgeous beyond description. Our **Perfection Collection** includes the following **seven separate kinds**.

2066 **Giant Golden Yellow**. Mammoth flowers, frequently $3\frac{1}{2}$ inches in diameter.

2067 **Giant Rose**. A most desirable variety, with flowers of a soft rosy pink color; foliage light green.

2068 **Giant Cream and Pink**. Extremely large flowers the daintiest of all Nasturtiums.

2069 **Giant Lemon and Rose**. Grand, extra-large flowers, of clear pale lemon color, varying to bright yellow.

2070 **Giant Deep Crimson**. The deepest and richest of all dark red Nasturtiums. The foliage is dark green.

2071 **Giant Striped Hybrids**. A gorgeous strain of brilliantly striped beauties of various shades and tints.

2072 **Giant Brilliant Scarlet**. A glowing, flaming scarlet, intense and vivid; the largest of its color.

If wanted in separate colors, pkt. 5 cts., oz. 20 cts.

We strongly recommend everyone who desires truly **Giant-flowered Nasturtiums** to try our **Perfection Collection**.

Livingston's Top-Notch Mixture

A wonderful diversity of rich colors and new and striking combinations are found in this unequalled mixture. A row in full bloom is beyond description, containing shades of yellow, rose, scarlet, orange, lemon, bronze, maroon, ruby, cream and pink, both in solid colors and mottled and striped in many showy and exquisite ways. For many years this mixture of Nasturtiums has been our special pride. Every year we have improved it, until now we unhesitatingly offer our new Giant-flowering Nasturtiums as absolutely the finest. We strongly recommend our customers to plant liberally.

2100 **Top-Notch Mixture of New Giant-flowering Nasturtiums**. Large pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 50 cts.

Madame Gunther Hybrid

These are of French origin, and for rich and striking colors are not surpassed by any class of climbing Nasturtiums.

2096 **Mixed Colors**. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts.

PERFECTION COLLECTION OF GIANT-FLowering NASTURTIIUMS

Price.

In order to quickly introduce these Nasturtiums and assure a general planting of them this year, we have made the very low price of

7

LARGE PACKETS of the above wonderfully beautiful kinds postpaid, to any address, for

25 cts.

FIVE COLLECTIONS FOR \$1

Tall Mixed

2094 **Mixed Tall Nasturtiums**. There is no flower of which you need seed in larger quantities for liberal planting than Tall or Climbing Nasturtiums. For the low price, this mixture is very choice. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts.

Ivy-Leaved

2101 **Scarlet**. This is a most distinct variety, both in flower and foliage. Especially graceful in hanging-baskets, and window-boxes. Pkt. 10 cts., $\frac{1}{2}$ oz. 20 cts., oz. 30 cts.

Mrs. DAISY D. GUEFFRAY, McLean County, Illinois, writes: *Wish to tell you that I purchased seven packets of your Giant-flowering Nasturtiums last year and they were wonderful. We picked on an average of 180 flowers a day from early summer until cut down by frost in late October.*

New Fringed

2104 **Mixed**. A decidedly novel and distinct new Nasturtium, with magnificent large flowers, deeply fringed. It is a climbing variety, reaching a height of 10 to 12 feet. Deep green foliage. Pkt. 10 cts.

Lobb's Climbing (*Tropaeolum Lobbianum*)

Both foliage and flowers of this class are somewhat smaller than the tall varieties, but the splendid profusion of bloom and the intensely brilliant colors of the flowers render them of the greatest value. Height, 12 to 15 feet.

2095 **Lobb's Finest Mixed**. This elegant assortment of Lobb's climbing Nasturtiums is composed of the most brilliant colors in this class. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45c.



Livingston's True Blue Seeds



Dwarf or Bedding Nasturtiums

Dwarf Nasturtiums

Dwarf Nasturtiums are becoming more popular each year. Many gardens are too small to allow a liberal planting of the Tall or Climbing varieties, but the many nooks and corners may be filled with the Dwarf varieties to a great advantage.

Dwarf Nasturtiums will bloom from early summer until killed by frost. The long, stiff stems hold the flowers well above the foliage, which makes them profitable either for bedding or cutting. We have tested all of the dwarf varieties and offer to our customers in our **Sunburst Collection** what we consider the seven most beautiful separate colors as follows:

Rose. Beautiful deep rose.
Beauty. Yellow and scarlet.
Aurora. Terra-cotta.
Pearl. Amber-white.

Prince Henry. Pale yellow, spotted carmine.
Regelianum. Purple-garnet.
Ruby King. Bluish rose.

SUNBURST COLLECTION of Dwarf Nasturtiums 25c.
The above 7 separate colors



Glory of the Garden Nasturtiums. Pkt. 10 cts.

- 2135 **Golden King.** A rich orange-yellow. Foliage dark. Pkt. 5 cts., oz. 25 cts.
- 2136 **King of Tom Thumbs.** Glowing, darkest scarlet flowers. Foliage very dark green. A most rich and brilliant variety. Pkt. 5 cts., oz. 25 cts.
- 2137 **Dwarf King Theodore.** A velvety crimson-maroon, almost black. The leaves are the darkest in Nasturtiums. Pkt. 5 cts., oz. 25 cts.
- 2133 **Dwarf Chameleon.** Of brilliant shades and diversified markings, some self-colored, others splashed and mottled. Pkt. 5 cts., oz. 25 cts.
- 2134 **Empress of India.** A very compact-growing sort, having purplish green leaves. The flowers are fiery crimson. Pkt. 5 cts., oz. 25 cts.

Glory of the Garden Mixture

This is our best mixture of the dwarf varieties. It is composed exclusively of the most elegant, large-flowered sorts, and the brilliantly colored flowers range through every shade and tint known in this favorite annual. This seed will produce a bed or border gorgeous beyond description.

2130 **Glory of the Garden, Finest Mixed.** Large p'kt. 10 cts., oz. 20 cts., ¼ lb. 65 cts.

Mixed Dwarf Nasturtiums. We handle such large quantities of Dwarf Nasturtiums that we are able to offer this especially choice mixture at a very low price. You should plant this mixture very liberally.

2150 **Choice Mixed.** Pkt. 5 cts., oz. 20 cts., ¼ lb. 50 cts.

Dwarf Queen Nasturtiums

2123 **Mixed.** A gorgeous mixture of all the dwarf or Tom Thumb varieties of the Marble-leaved Queen Nasturtiums. Containing a great number of named varieties as well as numerous other new hybrids not yet sufficiently "fixed" in color to offer separately. Pkt. 5 cts., oz. 25 cts.

Dwarf Lilliput Nasturtiums

This charming and distinct new class has very small flowers and leaves. In growth it is very compact, bushy and dwarf, being more so in both respects than the Dwarf Nasturtiums. In colors they are most varied and rich.

2152 **Mixed.** Pkt. 5 cts., oz. 25 cts.

Queen of Holland (New Lilliput Hybrids). A dainty type of very dwarf growth, making fine compact little bushes only about 6 inches high. The flowers, although smaller than the regular Nasturtiums, are very brilliant and are produced in a wonderful variety of shades and combinations, including cream, rose, scarlet, orange, crimson—all beautifully blotched.

2131 **Mixed Colors.** Pkt. 10 cts.

Mrs. A. K. GOSSAM, of Jefferson County, Oklahoma, writes: *I have ordered my sweet pea and nasturtium seed from you so long that I have the habit, and feel that no other seed can come up to your "True Blue." I have never had a failure when I plant your seed.*



Specimen flowers from our Fancy Mixture. Pkt. 50 cts.

Livingston's Mammoth Pansies

Our Pansy seeds are grown exclusively for us by the best American and European specialists. All our strains are from the most noted seed stocks in the world, and we know they cannot fail to give the most unbounded satisfaction to amateur and professional grower alike. Sow in the house, hotbed, or greenhouse; or as soon as the weather permits, the seed may be sown directly in the garden beds. Pansies thrive best in a rich soil, and cool, moist situation; they do splendidly in partially shaded places. They do not do well under trees, but in some locations where the sun strikes only part of each day the most satisfactory result can be obtained. Seed sown from July to September and the young plants transplanted into coldframes for the winter, will bloom grandly very early the following spring.

Prices by ounce or larger quantities will be quoted upon application. Leaflet on the culture of Pansies free to our customers.

2175 LIVINGSTON'S FANCY PANSY MIXTURE. In this magnificent mixture of mammoth-flowering Pansies the blossoms are borne on long stems well above the foliage and are distinguished for their gorgeous and varied colorings and beautiful markings. They are of fine substance, velvety texture, perfect form, and giant size, frequently measuring 3 inches in diameter. The colorings are wonderfully rich and varied; every shade and tint of rose, canary-yellow, black, white, cream, lavender, garnet, sky-blue, and orange are produced in endless variation. An unequalled collection of all the finest types. The best, handsomest and most perfect giant-flowering varieties. See page 7 for colored illustration. Pkt. 50 cts., $\frac{1}{2}$ oz. \$2.

Giant Pansies in Separate Colors

We are offering Giant Pansies in separate colors, that you may perfect your color scheme with these dainty little flowers. Do not fail to include these in your order.

	Pkt.	$\frac{1}{2}$ oz.
2210 Giant Red	\$0 10	\$1 00
2211 Giant White	10	1 00
2212 Giant Blue	10	1 00
2213 Giant Black	10	1 00
2214 Giant Yellow	10	1 00
2215 Giant Purple	10	1 00

"Giant Six" Pansy collection. This collection contains 1 pkt. each of the above Giant-flowering Pansies for 50 cts.

2177 LIVINGSTON'S GIANT TRIMARDEAU MIXTURE. These are among the largest flowered of all Pansies. This splendid mixture is a blended combination of Giant-flowering Pansies. A most showy class, of robust and very compact growth. It contains all colors and will prove a delightful surprise because of their great size and brilliancy. The flowers are carried well above the leaves, on long stems, which makes it excellent for cutting. Pkt. 10 cts., $\frac{1}{2}$ oz. \$1.

2225 BEDDING PANSIES. These are among the prettiest of the Pansies, and are valuable for making beds where the size of the flowers do not count so much. They are very floriferous, and the range of colors are beyond description. We have taken much pains in composing this mixture and it will make a rich display. Pkt. 5 cts., $\frac{1}{2}$ oz. 40 cts.

2181 GIANT RUFFLED MASTERPIECE. A remarkable type, the border of each petal being conspicuously curled and undulated, which gives the flower a double or globular appearance. The large blooms are beautifully blotched. Pkt. 15 cts.

2179 Exquisite Orchid-flowered. All Shades Mixed. Orchid-flowered Pansies are not as large as some of our Giant strains; but they will appeal by their exquisite coloring and the elegant shape of their flowers. Pkt. 10 cts.



Giant Ruffled Masterpiece. Pkt. 15 cts.

FREDERICK C. DYER, Kent County, Rhode Island, writes: *I also wish to state that I had the most beautiful bed of zinnias and asters in my neighborhood last year, and I hope that I can make a success of growing sweet peas.*



Livingston's True Blue Seeds

Petunias

Petunias are one of the most popular annuals on account of their ease of cultivation and freedom of blooming, succeeding everywhere and giving a constant supply of flowers from June to October. They are also good house plants, flowering freely in a sunny window. Seed can be sown in the open ground early in the spring or in a hotbed or coldframe, to be transplanted later to beds or borders. Height, 1 to 1½ feet.

Balcony Petunias

The Balcony Petunia is, perhaps, the most floriferous of all Petunias. They can be depended upon to give an unsurpassed floral effect throughout the summer and fall. They are most effective when used among rockwork, on dry banks, or for window or porch-boxes, but do equally well when used as a border or for bedding. They are the most beautiful of their class, the flowers being a solid color without veinings or markings, and covered with a rich velvety sheen.

- | | |
|--|---------------------------------------|
| 2259 White. Pure white. | 2261 Red. Very brilliant. |
| 2260 Rose. Bright rose, white throat. | 2262 Blue. Rich purplish blue. |
| | 2263 Mixed. All colors. |

Price of above, pkt. 15 cts., ½ oz. 50 cts.

Large-Flowering Petunias

The blooms are enormous in size and of the richest colors and markings. Varieties listed below are unsurpassed.

- 2240 **Livingston's Superb Single Mixed.** A strain of incomparable beauty and luxuriance. Flowers most varied in colors and markings, beautifully ruffled, fringed and of enormous size. Pkt. 15 cts.
- 2244 **Ruffled Giants.** The flowers of this strain are of extraordinary size and great substance; the edges of the blooms ruffled. Contains the greatest variety of rare colors and combinations. Pkt. 25 cts.
- 2242 **Giants of California.** These Petunias are of great beauty and luxuriance, including fringed and deep-throated sorts in endless variety of colors, veinings and markings. Flowers of enormous size. Pkt. 15 cts.
- 2246 **Livingston's Superb Double Mixed.** Our best mixture of all the large-flowering double varieties including striped, blotched and fringed sorts. Pkt. 25 cts.

NOTE.—All large-flowering and double Petunias should be started indoors and transplanted. Only about 40 to 60 per cent of double Petunia seed make double flowers. Give the small weak plants great care; they make the finest bloom.



Single Petunias

Bedding Petunias

- 2250 **Howard's Star-Shaped.** Entirely distinct. The five-petaled blooms have star-shaped markings of blush-pink or white over maroon ground; very fine. Pkt. 5 cts.
- 2256 **Striped and Blotched.** A most beautiful strain of Petunias for bedding and massing. Our mixture contains an endless variety of colors. Pkt. 5 cts., ½ oz. 30 cts.
- 2258 **Finest Mixed.** A choice mixture of colors and shades; will make a fine display in your garden. Pkt. 5 cts., ½ oz. 30 cts.

Primulas (Primroses)

The ease with which Primroses can be grown from seed makes them very popular window plants. For a succession of blooming plants sow the seed from March to May, and again in July or August; in planting, cover the seed lightly, and keep moist. Transplant when the second leaf appears, and keep repotting the plants as they grow and increase in size. Height, ½ to 1 foot.

- 2348 **Chinese, Superb Double Mixed.** Splendid strain of the finest large-flowering, fringed varieties. Our mixture includes all the most brilliant colors. Pkt. 25 cts.
- 2350 **Choice Mixed.** This is a very choice mixture, and for general purposes will be found most satisfactory. Pkt. 15c.
- 2352 **Obconica grandiflora, Large-flowering Hybrids.** Lovely and profuse blooming Primrose, bearing on long stems large heads of beautiful flowers, white, tinged lilac and rose shades; everblooming variety with true Primrose fragrance. Pkt. 10 cts.

- 2354 **Japonica (Japanese Primrose).** Bright, showy flowers, borne in whorls on stems 6 to 9 inches long. Choicest colors. Pkt. 10 cts.

Annual Phlox

For a splendid mass of color and a constant display, *Phlox Drummondii* is not excelled by any other annual. It has every desirable quality for this purpose and for beds, edgings and massings nothing can surpass it. Seed may be sown in the open ground any time after danger from frost is past.

- 2269 **Bright Rose.** Most pleasing color; a profuse bloomer. Pkt. 10 cts., ¼ oz. 40 cts.
- 2270 **Brilliant Scarlet.** Very showy. Pkt. 10 cts., ¼ oz. 40 cts.
- 2271 **Crimson.** Brilliant and effective. Pkt. 10 cts., ¼ oz. 40 cts.
- 2273 **Pure White.** Pkt. 10 cts., ¼ oz. 40 cts.
- 2274 **Yellow.** Distinct. Pkt. 10 cts., ¼ oz. 40 cts.
- 2267 **PRIZE MIXTURE.** Large. Pkt. 15 cts., ¼ oz. 50 cts., ½ oz. 80 cts.
- 2265 **Drummondii Mixed.** The old-fashioned favorite variety. Pkt. 10 cts., ¼ oz. 40 cts., ½ oz. 65 cts.
- 2278 **Mixed Star-Shaped.** Long, pointed petals, which give the flowers a star-like appearance. Pkt. 5 cts., ½ oz. 30 cts.



Annual Phlox

Mrs. R. D. WALKER, Perth, Ontario, Canada, writes: *I was much pleased with the seeds I received from you last year. The paper of Chinese primrose seed I bought produced 98 young plants, so that I think every seed must have germinated. The obconicas were also a great success.*



Double Annual Poppies

Poppies

The recent development of these old-fashioned flowers has brought them into great and deserved popularity. No flower in our garden affords a more pleasing display of gorgeously brilliant colorings during the blooming season. Poppies of the various varieties grow about 2 feet in height, except as noted.

Double Annual Poppies

2300 Peony-flowered. Large, showy double globular flowers, almost equal to Peonies. Our mixture contains the finest colors. Pkt. 5 cts., $\frac{1}{2}$ oz. 15 cts., oz. 25 cts.

2308 Carnation-flowered. Splendid, large, double flowers, showy and beautifully fringed. Mixture is unequaled for dazzling richness and great variety of colors. Pkt. 5 cts., $\frac{1}{2}$ oz. 15 cts., oz. 25 cts.

2311 LIVINGSTON'S GIANT DOUBLE MIXED. A mixture of beautiful double Poppies, including only the improved double, giant-flowering kinds of the richest and brightest colors, as well as the daintiest and softest tints. When grown in masses it is brilliant beyond description. The plants are sturdy, thrifty growers, from 2 to 3 feet high, producing immense flowers, sometimes 4 inches in diameter. Sow the seeds in the early spring in sandy soil where they are to remain. Pkt. 5 cts., oz. 35 cts.

Single Annual Poppies

2316 LIVINGSTON'S GIANT SHIRLEY. These are considered by many the most charming Poppies in cultivation. The individual flowers are large and elegant, mostly single blooms, some semi-double and double ones, often measuring 3 to 4 inches across. The petals are fluted and crinkled and in the sun appear like crumpled satin. The exquisite colors range from purest white to the deepest of blood-red, through all the shades and combinations of pink, rose, crimson, and carmine. Pkt. 5 cts., $\frac{1}{4}$ oz. 20 cts., oz. 50 cts.

2318 American Legion. (New.) In this we have one of the most beautiful of all Shirley Poppies. A brilliant orange-scarlet with yellow anthers. Very large, free-flowering sort. A bed of this is beautiful beyond description. Pkt. 15 cts., $\frac{1}{2}$ oz. 35 cts.

2323 Tulip Poppies. Large and splendid single flowers of the most dazzling scarlet. The two outer petals resemble a saucer, in which are set two erect petals of the same color. Pkt. 5 cts., $\frac{1}{4}$ oz. 20 cts.

2325 New Admiral. Of surprising beauty. Large, round, smooth-edged flowers of glistening pure white, with a broad band of brilliant scarlet around the top. Pkt. 10 cts.

Perennial Poppies

There are no flowers more ornamental and useful in our gardens than the various varieties of hardy Poppies. Once started they increase in size and beauty each succeeding season.

2333 Large Oriental. Perhaps the most popular variety in cultivation, the sturdy plants growing about 3 feet high. Its color, a dazzling scarlet with coal-black blotches, is grand. For gorgeous effect, nothing can equal them in perfectly hardy plants. Pkt. 10 cts., $\frac{1}{2}$ oz. 25 cts., $\frac{1}{4}$ oz. 40 cts.

2335 ORIENTAL HYBRIDS. Splendid hybrids of the Oriental Poppy. Enormous flowers, sometimes more than 6 inches in diameter. Colors include shades of cherry, salmon, darkest red, vivid crimson, and innumerable others equally fine. Our mixture contains them all. Pkt. 10 cts., $\frac{1}{2}$ oz. 45 cts., $\frac{1}{4}$ oz. 60 cts.

2330 Iceland (*Papaver nudicaule*). These Poppies are perfectly hardy and in bloom from June until frost; beautiful satin-like flowers, of every shade of yellow, white, and orange-scarlet. Plants grow about 1 foot high, forming tufts, from which the flower stems issue most profusely. Very useful for cut-flowers. Easy to grow. Pkt. 10 cts., $\frac{1}{2}$ oz. 20 cts.

2332 Double Mixed Iceland. This splendid mixture of double-flowering varieties you will find very superior. Pkt. 10 cts.

2297 PLATYCODON (Chinese Bellflower, Mixed). A splendid hardy perennial, producing large bell-shaped, white and blue flowers; very showy. Pkt. 5 cts., $\frac{1}{2}$ oz. 25 cts.

PORTULACA (Sun Plant). Should be sown in every garden. Scarcely any annual in cultivation makes such dazzling display of beauty as a bed of highly colored, many-hued Portulacas. Plant in dry, sandy soil, soon as it becomes warm, with full exposure to the sun.

2340 Large-flowering Single Mixed. Pkt. 5 cts., $\frac{1}{2}$ oz. 20 cts.

2342 Large-flowering Double Mixed. Pkt. 15 cts., $\frac{1}{2}$ oz. 35 cts.



GIANT SHIRLEY POPPIES



Livingston's True Blue Seeds

Pyrethrum (Feverfew)

Most attractive hardy perennials, which have become very popular. Valuable border plants with many stems about 2 feet high, each surmounted with handsome flowers, in the brightest shades of rose, flesh-pink, crimson, etc.; in bloom a long time, and are splendid as cut-flowers. See Feverfew.

2362 **Single Hybrids.** This mixture contains the very largest flowering and choicest varieties. Pkt. 15 cts.

2364 **Golden Feather** (*P. aureum*). Dwarf-growing variety, with bright yellow foliage; largely used for edgings and ribbon work. Usually treated as an annual. $\frac{3}{4}$ ft. Pkt. 5 cts., $\frac{1}{4}$ oz. 20 cts.

Ricinus (Castor-Oil Bean)

2370 **Zanzibarensis.** A new and distinct class, surpassing in size and beauty all varieties hitherto known. Plants attain great dimensions—12 to 14 feet. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts.

2371 **Bourboniensis.** Very large and most showy green foliage; a standard variety. Height, 10 to 15 feet. Pkt. 5 cts., oz. 20 cts.

2372 **Cambogensis.** Main stem and leaf-stalks shining ebony-black; leaves large and brilliantly colored. Foliage assumes various shades. Height, 5 feet. Pkt. 5 cts., oz. 20 cts.

2373 **Gibsonii.** Compact-growing variety of branching habit. The large leaves are a deep red. Height, 5 feet. Pkt. 5 cts., oz. 20 cts.

2377 **Livingston's Ricinus Mixture.** Appreciating fully the splendid effects that a fine array of these desirable foliage plants will make in your garden, we have composed a mixture that for elegant blending is unsurpassed. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts.

Roses

BLOOM THE FIRST YEAR FROM SEED

2380 **Baby Roses.** Also called **Dwarf Midget**, or **Fairy Roses.** These beautiful little Roses are borne in many-flowered clusters of double, semi-double, and single flowers and are of all the tints of other Roses. Seed should be soaked in warm water a day or two before planting; perfectly hardy, blooming year after year. Pkt. (50 seeds), 10 cts.



Salpiglossis, or Painted Tongue



Salvia splendens grandiflora (Scarlet Sage)

Salvia (Flowering Sage)

Very ornamental plant for summer and autumn flowering, and continues to bloom in the open ground until hard frosts, forming compact bushes which are literally ablaze with brilliant flowers. The plants may be started in a box in the house or in the hotbed, and when the weather becomes warm transplant in the garden. Height, $1\frac{1}{2}$ to 3 feet. (See illustration.) May be used as a hedge with striking effect.

2384 **SPLENDENS GRANDIFLORA (Scarlet Sage).** Gorgeous plants; numerous spikes of intensely vivid scarlet flowers 10 to 12 inches in length. Continues to flower profusely all summer and fall; of easy growth. The most popular Salvia in cultivation. Pkt. 10 cts., $\frac{1}{4}$ oz. 50 cts.

2386 **BONFIRE.** Plants form healthy bushes about 2 feet high by 2 feet across. Spikes grow erect and stand clear above the foliage, completely covering the plant, and are of a most brilliant, dazzling scarlet. One of the finest sorts. Pkt. 10 cts., $\frac{1}{4}$ oz. 75 cts.

2388 **AMERICA (Globe of Fire).** A free and continuous bloomer. The uniformity in habit of growth makes it valuable for bedding or planting in line. Height $1\frac{1}{2}$ feet. Pkt. 15 cts., $\frac{1}{4}$ oz. \$1.

2398 **Zurich.** Compact-growing sort, forming handsome, symmetrical bushes, 15 to 18 inches tall, which are completely covered with scarlet flower-spikes. A little beauty. Pkt. 10 cts.

Salpiglossis (Painted Tongue)

2400 **Mixed.** The Salpiglossis is one of the most popular and favorite annuals. It is of the easiest culture. Especially is it noted for its beautiful, almost orchid-like blooms. (See illustration.) Our mixture is unsurpassed, containing every desirable color and shade of the large-flowering varieties. Height, $1\frac{1}{2}$ feet. Pkt. 5 cts.

2430 **SENSITIVE PLANT.** A pretty and curious annual plant. The leaves and footstalks close and droop at the slightest touch, or during cloudy, damp weather. Height, $1\frac{1}{2}$ feet. Pkt. 5 cts.

2435 **SMILAX.** Charming, tender perennial climber for house or greenhouse. Pkt. 5 cts.

F. A. BELLUS, Marshall County, Iowa, writes: *May I send you just a line to tell you that Mrs. Bellus and I, from the Aster seed we got of you last spring, took first prize among thirty entries at our county fair this last week? They sure were beautiful and attracted the attention of everybody, and I gave your address to a great many people.*



Scabiosa

(Sweet Scabiosa, Mourning Bride, Pin-Cushion Flower, Egyptian Rose, Etc.)

The seed can be sown any time in the spring after danger from frost is past. The plants grow about 2½ feet high and come into bloom early in June, continuing without interruption until the hard frosts of autumn. The exquisite double flowers (see illustration) are borne on very long stems, and when cut keep in perfect condition for the best part of a week.

2404 **LIVINGSTON'S IMPROVED LARGE-FLOWERING.** Finest Mixed. A very fine mixture, containing all the finest large-flowering double sorts. All colors. Pkt. 10 cts.

2406 **Azure Fairy.** Exquisite sky-blue. Pkt. 10 cts.

2408 **Fiery Red.** Very striking; double; fiery scarlet. Pkt. 10 cts.

2412 **Snowball.** Double; white flowers; fine for bouquets. Pkt. 10 cts.

2414 **Golden Yellow.** Very fine color. Pkt. 10 cts.

2418 **Flesh.** Pkt. 10 cts.

2420 **Lilac.** Pkt. 10 cts.

2421 **Cherry-Red.** Pkt. 10 cts.

2424 **Black Prince.** Pkt. 10 cts.

Collection of Scabiosas described above, 8 separate colors, 60 cts.

2426 **HARDY SCABIOSA CAUCASICA.** Grand hardy perennial, 3 feet high; large lilac-blue flowers; splendid for cut-flowers. Pkt. 10 cts.



Livingston's Improved Large-flowering Scabiosa

Schizanthus, or Butterfly Flower

2427 **Mixed.** Popularly called the "Poor Man's Orchid." It grows from 1 to 1½ feet tall, with fine fern-like foliage, begins to flower early and produces masses of oddly marked and queerly shaped blooms in various shades of blue, purple, and pink, and some pure white. Pkt. 5 cts.

Sunflower (Helianthus)

A well-known family of hardy annuals, very showy plants, with large flowers.

2454 **New Miniature.** Beautiful new hybrids. Small single flowers in great abundance; colors, creamy white, lemon and orange; indispensable for cutting. Pkt. 5 cts., ¼ oz. 20 cts.

2456 **Globe of Gold.** Globe-shaped, double, yellow flowers. Pkt. 5 cts.

2460 **Livingston's Mixture.** A great variety of single and double varieties. Every shade of yellow is included. Pkt. 5 cts., ½ oz. 15 cts., oz. 25 cts.

2429 **SCARLET RUNNER-BEAN.** Ornamental climber. Bright scarlet sprays of bloom, followed by edible beans. Excellent climber for porches and trellises. Pkt. 5 cts., ¼ lb. 25 cts.

2436 **STOKESIA cyanea (Cornflower Aster).** A valuable hardy perennial bedding plant. Plants large, 18 to 20 inches high, with Bachelor's Button-like, light lavender-blue flowers, several inches in diameter, from July until late in October. Pkt. 10 cts.

Statice

Statice is one of the finer flowers for winter bouquets. Dried and used with Helichrysum and other Straw-flowers it produces a beautiful effect. Is also very effective when used in the border or rockery.

	Pkt.	½ oz.		Pkt.	½ oz.
2450 True Blue	\$0 15	\$0 25	2452 White	\$0 15	\$0 25
2451 Rosea Superba	15	25	2453 Mixed	15	25

SHASTA DAISY. A hardy perennial plant; blooms more abundantly each season; multiplied by division of roots or sowing seed. They bloom for several months in great abundance. The flowers are large and graceful, with three or more rows of pure white petals. This is the variety so generally sold by florists, and no flower garden is complete without it.

2433 **Selected Seed.** Much superior to original strain. Pkt. 10 cts.

Stocks (Gilliflower)

Indispensable for bedding, borders, massing, or pot culture.

Large-flowering Double "Cut-and-Come-Again" Varieties.

2446 **Snow-White.** (See illustration.) Pkt. 10 cts.

2440 **Finest Mixed.** This is our very best mixture of large-flowering Stocks. The perfectly double flowers embrace every color and shade. Pkt. 10 cts.

2448 **Giant Perfection, Mixed.** Long spikes of double flowers. Pkt. 10 cts.

Mr. B. T. Wood, Boyle Co., Ky., writes: *I have grown the finest Petunias this season I ever saw, even in California or Florida.*



Stocks (Matthiola).



Shasta Daisy. Pkt. 10 cts.



Sweet Peas and How to Grow Them

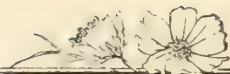
The question is often asked "Can we grow Sweet Peas in our locality?" There is no question but that you can if you follow a few simple rules. Since the introduction of the Spencer Sweet Pea, in 1904, there has been a most remarkable improvement in both size and form. So wonderful has been the improvement of the Spencer type that Grandifloras, or the old cramped keel types, will soon cease to exist. With this improvement, and the fact that we have learned the secret of growing them with long stems, usually carrying three to four and sometimes five gigantic blooms, beautifully waved and frilled, there has naturally come a renewed interest in this lovely flower. And we say, unhesitatingly, that by following a few simple rules, anyone, anywhere, can have this most beautiful of all flowers with the same long stems carrying the same large waved flowers as the professional produces. With each order (when asked for) we include a leaflet, "Sweet Peas Outdoors," which will give you the advice that will lead to success, but as a foreword, we advise that, when possible, you prepare your soil in the fall. Dig deeply and mix thoroughly with well-rotted manure, bone-meal, or commercial fertilizer containing phosphate and potash. The two most important points in raising Sweet Peas successfully is to secure GOOD SEED, then sow early. We have spent years in testing hundreds of varieties, and, together with our own vast experience and the advice of the most noted growers, we are offering a selected list of sorts in the widest range of colors, all of the large-flowering, well-waved Spencers, which we believe will please the most critical, at as low a price as selected seed can be produced.



A portion of our Sweet Pea trials

- 2626 KING WHITE.** It is remarkable for the "glistening immaculate purity of the whiteness" and the perfect finish of the flower. While of truly gigantic proportions, the flowers are most exquisitely finished in every detail. The grand flowers are borne almost invariably in "fours." Pkt. 15 cts., oz. 35 cts.
- 2584 ASTA OHN SPENCER.** Finest lavender Spencer Sweet-Pea grown. Comes remarkably true to type, producing the elegant, bold, wavy flowers in greatest profusion. Pkt. 10 cts., oz. 30 cts.
- 2614 ROYAL PURPLE.** The best purple Spencer Sweet Pea. The color is near "royal" purple and deepens and improves as the flowers age, which is a good point in a purple variety. Pkt. 10 cts., oz. 30 cts.
- 2593 GEORGE SHAWYER.** This superb variety is a grand, gigantic, orchid-flowering Spencer. The flowers are well waved, of fine form, with standard orange, shaded salmon, and wings of a pure salmony rose, which makes it most beautiful. Pkt. 15 cts., oz. 40 cts.
- 2600 WARRIOR.** Flowers are very large and of fine form. The color is a rich deep maroon. Those who like the dark shades will appreciate this color. Pkt. 10 cts., oz. 40 cts.
- 2601 MRS. TOM JONES.** Large, well-waved flower of great substance. A real azure-blue, beautifully waved and of great substance. An exceedingly attractive variety. Pkt. 15 cts., oz. 50 cts.
- 2592 HERCULES.** A giant Countess Spencer. The large, well-formed flowers are magnificent and the color beautiful, being a bright clear pink on white ground. One of the best. Pkt. 10 cts., oz. 40 cts.
- 2627 ILLUMINATOR.** It might be described as a rich, glowing cerise-salmon, with an indication of bright orange suffusion. The flowers are most perfectly formed and well placed on long stems, frequently in "fours." Pkt. 15 cts., oz. 30 cts.
- 2628 WEDGWOOD.** A unique shade of lovely light blue. The flowers, of good size and substance, are well waved in both standard and wings. They are borne almost uniformly in four-flowered sprays upon long, stout stems. Pkt. 15 cts., oz. 30 cts.
- 2599 ROYAL SCOTT.** A true orange-cerise-scarlet. A very strong grower, producing freely four-flowered stems. No other Sweet Pea approaches it in brilliancy of color. Pkt. 15 cts., oz. 50 cts.
- 2597 HAWLMARK PINK.** An exceptionally free-flowering, vigorous grower of excellent habit. Undoubtedly one of the finest varieties now in cultivation. The color is a rich bright rose-pink, deeply flushed and shaded salmon. A most profuse bloomer. Pkt. 15 cts., oz. 50 cts.
- 2598 PICTURE.** A most vigorous grower and very floriferous. It is a most beautiful pink color, suffused apricot. Altogether different from the ordinary pale cream-pinks and having a deeper flush of color on the wings. Pkt. 15 cts., oz. 50 cts.
- 2625 MARGARET ATLEE.** A rosy salmon-pink on a creamy buff ground—a rich soft color, and extremely attractive both as individual flowers and in the bunch. The standard is large and wavy and inclined to double. Pkt. 15 cts., oz. 30 cts.
- 2583 King Edward Spencer.** Undoubtedly the largest and best scarlet Sweet Pea to date. Wings carmine-scarlet, reverse side rosy carmine. Pkt. 10 cts., oz. 30 cts.
- 2588 Miriam Beaver.** This new soft shell-pink and salmon is one of the best yet introduced. The flowers are most perfectly formed and well placed on long, stout stems. Pkt. 10 cts., oz. 30 cts.
- 2590 White Spencer.** Without doubt the largest and most magnificent white Sweet Pea ever introduced. The vines are almost completely covered with mammoth flowers. It is without a rival among white Sweet Peas. Pkt. 10 cts., oz. 30 cts.

The Livingston Seed Company



Spencer Sweet Peas, continued

- 2596 **DORA**. A most beautiful bicolor. This long-stemmed variety has rosy cerise standard and cream wings faintly suffused with rose. Is of perfect form with usually four large blooms well balanced on long, stout stems. Pkt. 10c., oz. 40 cts.
- 2615 **DAINTY SPENCER**. White, with exquisite rose-pink edges. Of uniformly large size and elegant shape. Pkt. 10c., oz. 30 cts.
- 2595 **VALENTINE**. The large, well-formed flowers are of an attractive deep blush-pink color. Beautifully waved and well placed on long, stout stems generally carrying four fine blooms. It is unsurpassed for cutting or exhibition purposes. Pkt. 10 cts., oz. 40 cts.
- 2591 **BLANCHE FERRY SPENCER**. The popular old "painted lady" pink and white Sweet Pea in magnificent new form. Pkt. 10 cts., oz. 30 cts.
- 2613 **MRS. ROUTZAHN SPENCER**. May be described as buff or apricot, suffused with delicate pink which deepens to a rose near edges of wings and standard. Usually four to a stem. Pkt. 10 cts., oz. 30 cts.
- 2594 **MAJESTIC CREAM**. The long-stemmed, prettily waved flowers are of a deep cream-color. The best of its class. Pkt. 10 cts., oz. 40 cts.

Livingston's Special Mixture

This superb mixture is our special pride. During the several years we have sold it, it has been our constant aim to improve and perfect it. The different kinds and sorts contained in this mixture are grown separately, so that we have an opportunity to choose only the largest and most beautiful varieties. These we mix ourselves in proper proportions for the most brilliant effect. It embraces the finest Spencer varieties, as well as the latest novelties, and will produce a great abundance of giant flowers of beautiful colors. Some are edged, mottled, blended, flaked, and striped. Without exception, this is the very finest mixture it is possible to make. We recommend the buying of these seeds by weight, and planting liberally.

2540 **Special Mixture**. Large pkt. 10 cts., oz. 30 cts., ¼lb. \$1.

Livingston's Gilt-Edge Mixture of Grandiflora Varieties

This is a very superior mixture, made up of over 50 of the finest named varieties, all bright colors.

2542 **Gilt-Edge Mixture**. Pkt. 5 cts., oz. 15 cts., ¼lb. 45 cts.

Spencer Mixed

2630. All of the best named sorts, also many rare new hybrids in lavender, blue, striped, mottled, purple, maroon, and many other shades are included in this superb mixture. All flowers are of extremely large size, typically frilled and waved, and very lovely. Pkt. 10 cts., oz. 30 cts.

FREE—If requested with order, our pamphlet of cultural directions telling **How to Grow Perfect Sweet Peas**.

Sweet Pea "Inoculator" adds to the size of the bloom and to the length of stem. In ordering be sure to mention Sweet Pea Inoculator, as there are other kinds. For full particulars, see page 56.



Extra-Early Flowering Spencer Sweet Peas

Extra-Early Flowering Spencer

It has been the opinion of some that this class of Spencers does well only under greenhouse culture, but this is a mistaken idea. The Extra-Early Flowering type does equally well outside, the only difference being that the blossoms are just a very little smaller. By planting the Standard Spencer and Extra-Early Flowering in our trial-grounds at the same time, we found that the latter was in full bloom fully two weeks ahead of the Standard Spencers. In selecting to this early type, we have not lost any of the Spencer characteristics. Three, and quite often four, large blooms are borne to the stem, the same as with the Standard or Late Spencer. These Extra-Early Sweet Peas are a real addition to the garden of those who want flowers early.

2549 **Extra-Early Flowering Mixed**. Pkt. 15 cts.

Hardy Sweet Peas (*Lathyrus latifolius*)

Showy, free-flowering perennial. Blooms continuously from early spring until midsummer. Although lacking fragrance, they are very valuable because they will last almost indefinitely. A very vigorous grower, often growing 8 to 10 feet, and bearing large clusters of beautiful flowers.

2550 **White**. Pearly white. 2552 **Red**. Reddish purple.
2551 **Pink**. Rich rose-pink.

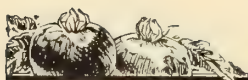
Above separate colors, pkt. 15 cts., ¼oz. 50 cts., oz. \$1.50
2553 **Mixed**. All colors mixed. Pkt. 15 cts., ¼oz. 40 cts., oz. \$1.50.

This Great Collection of Superb Spencer Sweet Peas—Seven Liberal Packets for 50 Cents, Postpaid

2584 **Asta Ohn Spencer**. Finest lavender.
2614 **Royal Purple**. The best purple Spencer.
2600 **Warrior**. Rich deep maroon.
2590 **White Spencer**. Largest white.

2601 **Mrs. Tom Jones**. A real azure-blue.
2592 **Hercules**. Bright clear pink.
2593 **George Shawyer**. Orange, shaded salmon.

The above collection is fully described on page 80



Livingston's True Blue Seeds



Sweet William, Livingston's Miracle Mixture. Pkt. 25 cts.

Sweet William (*Dianthus barbatus*)

A very beautiful class of easily grown and very beautiful plants of extreme richness and diversity of colors, deliciously sweet-scented. For cut-flowers they are not surpassed. Hardy biennial. Height, 1 to 1½ feet.

2637 LIVINGSTON'S MIRACLE MIXTURE. An improved strain with exceptionally large, symmetrical heads, of every conceivable color and shade, from white through the different shades of pink to the deepest blood-red, some flowers appearing almost black, while others show white, pink, red, and striped flowers—all on the same head. A bed of these is beautiful beyond description. We offer it in mixture only. Pkt. 25 cts., ½ oz. \$1.

2640 Holborn Glory. This strain is a large-flowered selection of the Auricula-eyed section, but most beautiful and admired of all Sweet Williams. The individual flowers and trusses are of extraordinary size, and the range of color, all showing a clear, white eye, is superb. Pkt. 10 cts.

2643 Double Mixed. This mixture you will find of very superior quality, containing all colors and shades. Pkt. 5 cts., ½ oz. 25 cts.

2646 Single Mixed. A very choice assortment of all the best single-flowering varieties. Pkt. 5 cts., ½ oz. 15 cts.

2648 DOUBLE and SINGLE MIXED. This mixture is made by blending the double and single-flowering varieties. Pkt. 5 cts., ½ oz. 15 cts., oz. 60 cts.

2654 THUNBERGIA, Mixed. Rapid-growing Annual Climber, with pretty buff, white and orange flowers of various shades, with a dark center or eye. Adapted for vases, hanging baskets, trellises, etc. Pkt. 5 cts.

2658 VALERIANA (Hardy Garden Heliotrope). Mixed. Showy plants; grow in any garden soil; do well in the shade. Hardy perennial; grows 2 feet high. Pkt. 5 cts.

2680 VINCA (Periwinkle). Mixed. Free-flowering, bushy plants, with glossy foliage and beautiful circular flowers. In sunny situations they bloom all summer; if potted before frost, will bloom in winter. Very easily grown, blooming profusely the first season from seed. A very fine mixture of all colors. Half-hardy perennials. Height 1½ feet. Pkt. 5c.

VIOLA (Tufted Pansies). Sweet-scented Violets are easily grown from seed, and if you can plant them in a cool and moist situation, so much the better. All varieties are of great beauty.

2682 Sweet-scented. Violet-blue. Pkt. 10 cts.

2686 Finest Mixed. Blue and white sorts. Pkt. 10 cts.

2697 XERANTHEMUM (Everlasting Flowers). Mixed. Very desirable. Easy to grow. Leaves covered with silvery down. Hardy annual. Height 2 feet. A very fine mixture of colors. Pkt. 5 cts.

WALLFLOWER. Well-known and deliciously fragrant half-hardy biennials. The large spikes of bloom are of most beautiful colors. Height 1½ feet.

2690 Large-flowering Single Mixed. Pkt. 5 cts.

2692 Large-flowering Double Mixed. Pkt. 10 cts.

Livingston's Mammoth Verbenas

Verbenas are much more vigorous and free flowering if raised from seed than if grown from cuttings. The plants thrive in any good garden soil and are low, spreading, forming a carpet of green foliage which makes a dense background for the brilliantly colored flowers, ranging in color from snow-white, through the different beautiful shades of pink and blue, to the deepest red. The flower-heads are large, on fairly long stems. Cut the flowers as they begin to fade and they will bloom much more abundantly throughout the summer and fall. Our carefully selected and improved strain produces flower-trusses of exceptional size.

2662 Mammoth Defiance. Bright, rich scarlet flowers; small leaves. Pkt. 10 cts.

2663 Mammoth Blue Varieties. Showy; distinctive; fine for edgings. Pkt. 10 cts.

2665 Mammoth Pink Shades. Many very brilliant shades of pink. Pkt. 10 cts.

2664 Mammoth Striped Varieties. Beautiful; a rich collection. Pkt. 10 cts.

2666 Mammoth Pure White. Large trusses of purest white flowers. Pkt. 10 cts.

2668 Mammoth Purple. Deep royal purple. Pkt. 10 cts.

Collection, one each of above 6 Mammoth Verbenas, 50 cts.

2670 LIVINGSTON'S MAMMOTH MIXED VERBENAS.

Our strain of these elegant mammoth-flowering Verbenas will make beds and borders in the garden of the greatest brilliancy. An elegant mixture, and for enormous flowers of rich and superb colors is unsurpassed. They bloom most profusely. Our mixture contains every desirable color and shade. See colored illustration on page 6. Pkt. 15 cts., ½ oz. 45 cts., ¼ oz. 75 cts., oz. \$1.50.

CHINESE WOOLFLOWER. Belongs to the Celosia family.

The plants average about 18 inches to 2 feet in height and shoot many laterals, each of which forms an oval-shaped flower-head. Very fine.

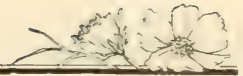
2694 Mixed. All colors mixed. Pkt. 10 cts., ½ oz. 25 cts.

2695 Pink. Pkt. 10 cts., ½ oz. 30 cts.

2696 Crimson. Vivid crimson. Pkt. 10 cts., ½ oz. 30 cts.



Chinese Woolflower. Pkt. 10 cts.



Zinnias

One of our most stately and showy border plants. A strong grower and therefore succeeds well, even if the ground is not very rich. Excellent for cut-flowers and continuously in bloom. Height, 1 to 3 feet.

Livingston's Mammoth-Flowering Prize

The splendid large-flowering Zinnias (see illustration) represent the very highest perfection in this flower, and for perfect doubleness, mammoth size, as well as the wonderful variety of colors and shades, are unsurpassed by any strain in cultivation. We offer the following splendid separate colors and our elegant mixture.

- 2700 Mammoth Crimson. Pkt. 5 cts., $\frac{1}{4}$ oz. 20 cts., oz. 60 cts.
- 2701 Mammoth Dark Purple. Pkt. 5 cts., $\frac{1}{4}$ oz. 20 cts., oz. 60 cts.
- 2702 Mammoth Flesh-Pink. Pkt. 5 cts., $\frac{1}{4}$ oz. 20 cts., oz. 60 cts.
- 2704 Mammoth Pure White. Pkt. 5 cts., $\frac{1}{4}$ oz. 20 cts., oz. 60 cts.
- 2706 Mammoth Golden Yellow. Pkt. 5 cts., $\frac{1}{4}$ oz. 20 cts., oz. 60 cts.
- 2707 Mammoth Scarlet. Pkt. 5 cts., $\frac{1}{4}$ oz. 20 cts., oz. 60 cts.

ZINNIA COLLECTION.—One packet each of the above 6 colors for 25 cts.

- 2709 Buttercup. A pleasing deep primrose. Pkt. 10 cts., $\frac{1}{4}$ oz. 30 cts.

2710 **LIVINGSTON'S MAMMOTH-FLOWERING PRIZE MIXTURE.** Our mixture of Mammoth-flowering Zinnias contains all the colors and shades known in this popular flower. We have improved this grand mixture from year to year until now we say, conclusively, it can not be surpassed. Pkt. 5 cts., $\frac{1}{4}$ oz. 20 cts., oz. 50c.

Mrs. JULIUS SPRIESTERSBACH, Clark County, Indiana, writes: Last year I raised from your seed the most beautiful zinnias I have ever seen.



Dahlia-flowered Zinnia

2708 Double Dahlia-Flowered Zinnias (New)

This splendid new Zinnia will greatly increase the popularity of this flower. The plants are of strong, vigorous habit, from $2\frac{1}{2}$ to 3 feet high, producing mammoth flowers 4 to 6 inches across by $2\frac{1}{2}$ to 3 inches deep, very similar in appearance and form to the double Decorative Dahlia. Our mixture has a wonderful range of color, including white and all the different shades of pink, scarlet, crimson, yellow, orange, etc. You should by all means have a bed or border of these new Zinnias this next season—you will be delighted with them. Pkt. 15 cts., $\frac{1}{4}$ oz. 60 cts.

2712 Livingston's Special Mixture, Dahlia-Flowered Zinnia

Our special mixture of this new type of Zinnia is made up from the separate colors. The brilliancy of color and the giant size of the flowers will appeal to those wishing the best. The plants are very strong and vigorous, producing the giant flowers on long, stiff stems. For further description, see colored illustration, page 7. Pkt. 25 cts., $\frac{1}{4}$ oz. \$1.

2723 Curled or Crested Zinnias

A fine strain, with large, double flowers of perfect form; petals twisted, curled and crested into fantastic and graceful forms. Pkt. 5 cts., $\frac{1}{4}$ oz. 25 cts.

Double Pompon Zinnias

2727 **All Colors Mixed.** These Zinnias grow 2 feet high and are sturdy and bushy. They are also sometimes called "Lilliput" on account of their beautiful little flowers, which are very double and cone-shaped. Pkt. 5 cts.



Mammoth Zinnia

Mrs. AGNES WOOLF, Shelby County, Missouri, writes: You sell the best seed of any firm I ever bought from. The dahlia seed I got from you last year produced the largest and finest dahlia I ever saw. I know that when I order your seed they will come up well, and that what you say about them is the truth.



Livingston's True Blue Seeds



Livingston's Choice Flower Seed Collections

Livingston's Rainbow Collection of Choice Annual Flowers **75c**

Asters, Mixed	Petunia, Mixed
Bachelor's Buttons, Mixed	Phlox, Mixed
Candytuft, Mixed	Poppies, Mixed
Cosmos, Mixed	Portulaca, Mixed
Dianthus, Mixed	Scabiosa, Mixed
Marigold, Mixed	Sweet Alyssum
Mignonette, Sweet	Antirrhinum, Mixed
Nasturtium, Mixed	Sweet Peas, Mixed
Pansy, Mixed	Zinnia, Mixed

If purchased separately this collection would cost \$1.

Collection of Spencer Sweet Peas **50c**

Asta Ohn	White
Royal Purple	Mrs. Tom Jones
George Shawyer	Hercules
Warrior	

If purchased separately this collection would cost 85 cts.

Cut-Flower Collection **50c**

Asters, Mixed	Helichrysum, Mixed
Antirrhinum, Mixed	Larkspur, Mixed
Calendula, Mixed	Scabiosa, Mixed
Zinnias, Dahlia-flowered	

If purchased separately this collection would cost 65 cts.

Exhibition Aster Collection **50c**

Semple's, Mixed	Peony-flowered, Mixed
Ostrich Plume, Mixed	Livingston's Superb, Mixed
Crego, Mixed	King, Mixed
Sensation	

If purchased separately this collection would cost 70 cts.

Bright Array Collection **35c**

Alyssum, Sweet	Pansy, Mixed
Aster, Mixed	Phlox, Mixed
Candytuft, Mixed	Sweet Peas, Mixed
Nasturtium, Mixed	Zinnia, Mixed

If purchased separately this collection would cost 50 cts.

Collection Perennial Flower Seeds **50c**

Aquilegia, Mixed	Digitalis monstrosa
Campanula, Prize Mixed	Pinks, Hardy Garden
Coreopsis lanceolata	Poppy, Large Oriental
Daisy, Shasta	Sweet William, Mixed

If purchased separately this collection would cost 75 cts.

Children's Flower-Garden Mixture

Especially adapted for producing a display in large borders, or sowing along woodland walks, railroad embankments, for hiding an unsightly fence, stump, etc. Nothing in the way of flowers delights children more than this **Wild Garden**, chiefly because they can be allowed to pick their own bouquets without stint. Sow in drills 2 feet apart, or even broadcast. Cover lightly and keep the soil from drying out until started.

2740 Our Extra-Choice Mixture—Large pkt, 10 cts., 1/2oz. 15 cts., oz. 25 cts. Ask for special price by the pound.

Have You a Hardy Garden?

So much interest is being displayed in perennial flowers at the present time that a few words here regarding them may not be amiss. Our list contains many of the most popular sorts. Perennials are not difficult to grow, but are slower in starting than annuals, so that care should be taken that the soil does not dry out. The ideal place to start them is in a coldframe, where the soil can be kept moist, and where they can be protected from heavy rains. If the seed is sown early, some varieties will bloom the first year, but it is not until the second year that you get the best results; then for several years they will increase in beauty and value, affording color in the garden and cut-flowers before the annuals come into bloom. Perennials are so much cheaper to grow from seed than to buy the plants. **See our 50-cent collection of Perennial Flower Seeds above.**



Reliable Spraying Solutions

All prices on this page are subject to change. Items marked (*) cannot be mailed

*ARSENATE OF LEAD (Powdered)

Mixes with water almost instantly—one pound goes as far as two to three of paste—remains in suspension much longer. ½ lb. 25 cts., lb. 45 cts., 5 lbs. \$2, 10 lbs. \$3.50, 25 lbs. \$8, 50 lbs. \$14, 100 lbs. \$25, not prepaid.

*CALCIUM ARSENATE (Powdered)

Used for spraying potatoes, cotton, tobacco, and shade trees against chewing and leaf-eating insects. Kills quickly; does not burn foliage. ½ lb. 25 cts., lb. 45 cts., 5 lbs. \$1.75, 10 lbs. \$3, 25 lbs. \$5.25, 50 lbs. \$10, not prepaid.

GYPSUM, OR LAND PLASTER

An ideal fertilizer for leguminous and other crops of high sulphur requirements; also a preserver of nitrogen in manure. Twenty parts of Gypsum mixed with one part Calcium Arsenate gives excellent results in protecting melon and cucumber plants from the striped beetle. 10 lbs. 75 cts., 25 lbs. \$1.50, 50 lbs. \$2.50, 100 lbs. \$3, 500 lbs. \$12.50, 1,000 lbs. \$22.50, ton \$42, not prepaid.

*BORDEAUX MIXTURE (Powdered)

For blight, mildew, rust, etc. Used for dry dusting or wet spraying. Dilute 1 pound to about 8½ gallons of water for 3-3-50 formula. Contains 12 per cent metallic copper. ½ lb. 20 cts., lb. 35 cts., 5 lbs. \$1.50, 10 lbs. \$2.75, not prepaid.

HAMMOND'S SLUG SHOT

Non-poisonous; no danger to the person using it. For potato bugs, cabbage worms, and all insects that chew. We sell tons of it every year. It is simply dusted lightly on. Lb. 15 cts., 5 lbs. 60 cts., 10 lbs. \$1, 25 lbs. \$2.10, not prepaid.

*PARIS GREEN

½ lb. 20 cts., ½ lb. 35 cts., lb. 65 cts., 2 lbs. \$1.25, not prepaid.

*PYROX (Bowker's)

The one best spray for apples, potatoes, and general purposes against leaf-eating insects and fungous diseases. This combined insecticide and fungicide is better than Paris Green, Arsenate of Lead, or Bordeaux Mixture, and cheaper to use. It sticks to foliage. Mix with cold water. Lb. 50 cts., 5 lbs. \$1.75, 10 lbs. \$3, 25 lbs. \$6.25, 50 lbs. \$11.25, 100 lbs. \$18, 300 lbs. \$51, not prepaid.

FISH OR WHALE-OIL SOAP

Especially beneficial when used in combination with Black-Leaf 40 in combating hard-to-conquer sucking insects. ¼ lb. 15 cts., lb. 25 cts., 5 lbs. \$1.10, 10 lbs. \$2, not prepaid.

*HELLEBORE

For the destruction of slugs, worms, caterpillars, etc. Loses its strength when exposed to the air a few days, making it safe to use when the vegetables or fruit are about ripe. ½ lb. 35 cts., lb. 65 cts., not prepaid.

MELROSINE

A concentrated liquid insecticide. A positive remedy for rose bugs, and effective for most species of sucking insects. Trial size, 50 cts., pt. \$1, qt. \$1.75, not prepaid.

KAYSO

The combined casein spreader and adhesive. Can be used with any insecticide. 8 ozs. 25 cts., 2 lbs. 50 cts., 10 lbs. \$2.30, 50 lbs. \$10.50, not prepaid.

Fertilizer, Plant Foods, Etc.

ARMOUR'S BONE MEAL 3-27-0

5 lbs. 30 cts., 10 lbs. 45 cts., 25 lbs. 90 cts., 50 lbs. \$1.75, 100 lbs. \$3, bag (125 lbs.) \$3.25, 300 lbs. \$12, 1,000 lbs. \$23, ton \$44.50.

ARMOUR'S 2-12-6

5 lbs. 30 cts., 10 lbs. 45 cts., 25 lbs. 90 cts., 50 lbs. \$1.75, 100 lbs. \$3, 125 lbs. \$3.25, 500 lbs. \$12, 1,000 lbs. \$23, ton \$44.50.

ARMOUR'S 16 PER CENT ACID PHOSPHATE

5 lbs. 30 cts., 10 lbs. 45 cts., 25 lbs. 75 cts., 50 lbs. \$1.25, 100 lbs. \$2, bag (125 lbs.) \$2.25, 500 lbs. \$8, 1,000 lbs. \$14.50, ton \$28.

SULPHATE OF AMMONIA

2 lbs. 35 cts., 5 lbs. 65 cts., 10 lbs. \$1.25. Ask for price in larger quantities.

*WEED KILLER

Keeps paths and roads free from weeds and grass. One gallon makes 40 gallons ready for use—enough for 150 yards of surface; applied with watering can. Qt. 65 cts., gal. \$1.65, not prepaid. Larger lots, special prices.

LIME AND SULPHUR (Powdered)

Mixes with water—becomes a liquid testing the same as standard liquid solutions. It is claimed that the brand we carry is the only powdered form that is exactly the same as standard liquid solutions and can with safety to the tree be used in combination with an arsenate as a summer spray without the disadvantage of bulk, weight, leakage, etc. Lb. 35 cts., 5 lbs. \$1.40, 10 lbs. \$2.25, 25 lbs. \$4.50, 50 lbs. \$7.75, 100 lbs. \$15, not prepaid.

*BLACK-LEAF 40 (40 per cent nicotine sulphate)

Highly recommended by experiment stations as a spray for black aphid and sucking insects of this class. You cannot go wrong in ordering Black-Leaf 40 for sucking insects. One ounce makes 6 gallons of spray on outdoor vegetation. As a dip to destroy scab, ticks, lice, and insect pests on sheep, cattle, and hogs, dilute 1 pound in 83 gallons of water. Oz. 35 cts., ½ lb. \$1.25, 2 lbs. \$3.50, 10 lbs. \$13.50, not prepaid.

*NICO-FUME LIQUID (40 per cent free nicotine)

The best spray for greenhouses. The fumes help to kill the insects. ¼ lb. tin 75 cts., lb. \$2.25, 4 lbs. \$8, 8 lbs. \$15.

NICO-FUME TOBACCO PAPER

To use, "hang sheet from hole punched in one end, blow out flame, and let sheet burn." Eight to ten sheets for the ordinary greenhouse (100 feet long by 20 feet wide) will usually furnish a strong fumigation against green fly, etc. 24-sheet can \$1.25, 144 sheets \$5.50, 288 sheets \$10, all postpaid.

HALL'S NICOTINE FUMIGATOR

A simple and effective preparation for fumigating greenhouses for plant-lice and thrips. A real smudge or punk. Easy to use. Lb. \$1.25, 2½ lbs. \$2.50, 10 lbs. \$8.50, not prepaid.

TOBACCO DUST

10 lbs. 65 cts., 50 lbs. \$3, 100 lbs. \$5.75, not prepaid.

TOBACCO STEMS

50 lbs. 90 cts., 100 lbs. \$1.65, 500 lbs. \$7.50, 1,000 lbs. \$14, ton \$26, not prepaid.

*SCALECIDE

San José scale and canker remedy. Dilute 1 gallon Scalecide in 15 gallons water. Use in the fall after leaves are off the trees, and early in the spring before the buds start. Qt. 60 cts., gal. \$1.40, 5 gals. \$6.25, 10 gals. \$10.60, 15-gal. drum \$13.50, 50 gals. \$38, not prepaid.

PARADICHLOROBENZENE ("Para" for short)

For killing the peach-tree borer. Not recommended for use on trees younger than six years. One pound will treat sixteen trees. Full directions on each package. Lb. 55 cts., 5 lbs. \$2.25, 10 lbs. \$3.80, not prepaid. Write for price in larger quantity.

GRAFTING WAX

¼ lb. 15 cts., ½ lb. 25 cts., lb. 40 cts., not prepaid.

All prices F. O. B. Columbus, and subject to market changes
SHEEP MANURE, WIZARD BRAND, PULVERIZED
5 lbs. 35 cts., 10 lbs. 50 cts., 25 lbs. 90 cts., 50 lbs. \$1.50, 100 lbs. \$2.50, 500 lbs. \$11, 1,000 lbs. \$20.50, ton \$40.

NITRATE OF SODA

5 lbs. 40 cts., 10 lbs. 75 cts., 25 lbs. \$1.45, 50 lbs. \$2.75, 100 lbs. \$5, 500 lbs. \$23, 1,000 lbs. \$42, ton \$80.

LIVINGSTON'S "TRUE BLUE" PLANT FOOD

Flowering plants in pots, garden vases, window-boxes, etc., need food of an organic nature, that can be absorbed by the plant. "True Blue" Plant Food is especially prepared by us, after long experience in gardening and plant-growing, and we believe it to be the best balanced plant food on the market today. It supplies just what the plant needs and will promote the growth of rich, healthy foliage and high-colored blooms. It is nearly odorless and entirely sanitary. 10-oz. can 25 cts., 2-lb. can 50 cts., not prepaid.



Livingston's True Blue Seeds

Lawn, Orchard and Garden Tools

Prices subject to change



Excelsior Weeder

Very useful for weeding seed-beds, stirring soil in hotbeds, coldframes, etc. 20 cts., postpaid.

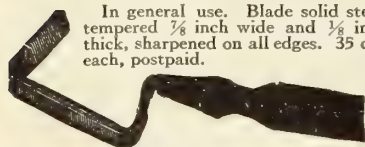
Lang's Weeder

25 cts. each, \$2 per doz., postpaid.



Hazeltine Hand Weeder

In general use. Blade solid steel, tempered $\frac{1}{8}$ inch wide and $\frac{1}{2}$ inch thick, sharpened on all edges. 35 cts. each, postpaid.



Raffia

We handle only the best grade of Raffia. Inferior twisted stock is very annoying and much more expensive in the end. Lb. 30 cts., 10 lbs. at 25 cts. per lb., 25 lbs. at 23 cts. per lb., 100 lbs. at 20 cts. per lb., not prepaid.

Cahoon Hand Broadcast Seeder

For sowing any grain or grass seed. Sows at a common walking gait 4 to 8 acres per hour. A saving of labor and one-third of the seed is effected by this machine. Reliable in all respects. Weight, 9 pounds. \$6.25, not prepaid.



Little Giant Seeder

Strongest, Lightest and Easiest Running

Best and cheapest crank Seeder made considering the quality of work done and durability. Will not get out of order nor be affected by damp weather. Distributes all kinds of fertilizer, land plaster, ashes, and seeds. We have sold it for years with good satisfaction. Weight, 6 pounds. No. 3, \$2, not prepaid.

If you do not find what you want on these pages, write us, as we carry quite a complete line, but cannot list all items here.

Painted Pot Labels

Sizes	Not prepaid	1,000	Weight
4 x $\frac{1}{2}$ x $\frac{1}{4}$		\$1 70	4 lbs.
4 $\frac{1}{2}$ x $\frac{1}{2}$ x $\frac{1}{4}$		1 90	5 lbs.
5 x $\frac{1}{2}$ x $\frac{1}{4}$		2 10	5 lbs.
6 x $\frac{1}{2}$ x $\frac{1}{4}$		2 50	6 lbs.
10 x $\frac{1}{2}$ x $\frac{1}{4}$		5 80	11 lbs.
12 x $\frac{1}{2}$ x $\frac{1}{4}$		7 00	15 lbs.
8 x $\frac{1}{2}$ x $\frac{1}{4}$		6 50	14 lbs.
10 x $\frac{1}{2}$ x $\frac{1}{4}$		8 00	18 lbs.
12 x $\frac{1}{2}$ x $\frac{1}{4}$	per 100, \$1.25		3 lbs.

Copper Wired Tree Labels

Size, $3\frac{1}{2}$ x $\frac{1}{2}$ inch, 50 cts. per 100, \$1.50 for 500, \$2.45 per 1,000. Weight, 4 lbs. per 1,000.

Cane Stakes

Good, strong, natural canes. From southern cane-brakes, running 6 feet in length. \$1.40 for 50, \$2.40 per 100, \$5.75 per bundle of 250, \$20 per 1,000, not prepaid.



Asparagus Knife

No tool equals it for removing dandelions, plantain, dock, etc., from lawns. Drop forged cutlery steel. 40 cts., postpaid.



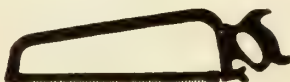
Perfect Clinching Hose Mender

Easy to apply, no band required for $\frac{3}{4}$ - or $\frac{1}{2}$ -inch hose. We use the Clincher and consider it the best obtainable. Simply pound down the Clincher and you have a neat and permanent mend. 40c. for 3, \$1.50 per doz., postpaid.



Perfect Clinching Hose Couplers

Same principle as the mender. Made for $\frac{1}{2}$ - and $\frac{3}{4}$ -inch hose. Be sure to state size wanted. 35 cts. each, \$3.50 per doz., postpaid.



Swivel Blade Pruning Saw

Atkins best-grade Saws. The blade can be set at any angle. No. 10, as illustrated, \$2.50, postpaid; No. 11, with triangular frame, \$2, ppd.

Swivel Pruning Saw Blades

For use in Nos. 10 and 11 saws. Prices ppd. Blade for 16-in. saw, 30 cts. each, \$3 per doz. Blade for 18-in. saw, 35c. each, \$3.50 per doz. Blade for 20-in. saw, 40 cts. each, \$4 per doz.



Pruning Saw, Double Edge

One coarse and one fine, 20-inch blade. \$1.25, postpaid.



Wiss guaranteed, 9-inch, \$3.50; 10-inch, \$4, postpaid. Extra blades \$1 each.

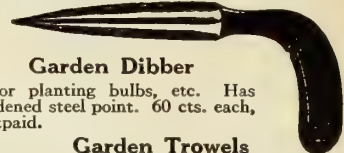
Pearless Glazing Points

Prevents glass from sliding. Made of galvanized steel wire. No. 2 for single-strength glass; No. 2 $\frac{1}{2}$ for double-strength. 65 cts. per 1,000, postpaid.



Garden Dibber

For planting bulbs, etc. Has hardened steel point. 60 cts. each, postpaid.



Garden Trowels

Ordinary. 5-in. 15 cts., 6-in. 20 cts., postpaid. Pressed Steel. 6-in. 45 cts., postpaid. Forged Steel. 5-in. 60 cts., 7-in. 75 cts., postpaid. Be sure to state size wanted.



"Out of Sight" Mole Trap

Claimed to be the best Mole Trap ever offered, and only has to be tried to be appreciated. Can be used in hotbeds under sash. The secret of catching moles is a good trap and a knowledge of their habits. Full directions are sent with each Trap. \$1.50, postpaid.

Little Giant Self-Setting Mole Trap

Simple, sure, and safe. The spears are made of spring steel; remainder of trap is of steel and heavily tinned, making it very attractive and durable. Directions for setting come with the trap. \$1.25, postpaid.



Hedge Shears

Best steel and just the thing for trimming privet hedge, 6-in. \$1.25 (weight, 4 lbs.), 9-in. \$2 (weight, 5 lbs.), not prepaid.

Clipper Grain and Seed Cleaner

No. 1, for general use, has 12 sieves (10 zinc); cleans grain and seeds of all kinds. \$35 each, not prepaid.

Send for Special Catalogue of Clipper Mills

Planet Jr. Tools

If interested in this excellent line of garden tools, write for special catalogue. It's free.

Waters Pattern Tree Pruner

Will cut green limbs up to 1 inch in diameter. Cutting head, handle, and handle shank securely attached so will not work loose. Best steel blade and spring. 8-ft. \$1.75, 10-ft. \$2, 12-ft. \$2.25, not prepaid.

Hotbed Sash

Best Cypress. $3\frac{1}{2}$ x 6 ft., unglazed for four rows 8 x 10 glass. \$2.40 each, not prepaid. Write for prices in larger quantity.

Our sales on hotbed sashes are increasing each season, so satisfactory do our customers find them.





BINK'S SPRAYER No. 21

The Best Sprayer in Its Class

A strong, compact, well-built, portable Sprayer for use in the garden, lawn, orchard, and greenhouse. Easily operated by man or child.

Very satisfactory for both spraying and whitewashing. It saves time, labor and material.

Large steel wheels makes easy moving over rough or soft ground. Working parts bronze and brass—holds 12 gallons. Complete as illustrated with 10 feet high pressure hose, spray pipe, stop cock, mechanical

agitator and nozzle, not prepaid, \$22. Shipping weight, 50 lbs.

IMPROVED AUTO-SPRAY No. 1

One of the oldest and most reliable compressed air Sprayers on the market. Two pumpings will empty the tank. The Auto-Pop Non-Clog Nozzle gives a large volume of fine spray by simply closing the hand on the lever—releasing the hand stops it immediately. Highly recommended for spraying potatoes, vegetables and shrubbery.

Holds 3 gallons; the new anti-clogging device prevents clogging; has a powerful all-brass air pump with patented clamp top. Comes complete as illustrated, with shoulder strap, hose, and auto-pop nozzle. Shipping weight, 11 lbs. No. 1B. Brass Tank, \$9.50; No. 1D. Galvanized Tank, \$6.50. Not prepaid.



THE "PERFECTION" SPRAYER

Built like a steam boiler. The barrel is 7½ inches in diameter, 20 inches high. The pump is 1¾-inch seamless brass tubing. The valves are METAL. Screw top. The hose is 5-ply. The nozzle is of the Automatic type. Capacity of Sprayer, 3¾ gallons. Weight 9½ pounds. All Sprayers tested to 60 pounds before leaving factory. This Sprayer handles whitewash, water paints, Bordeaux mixtures, etc., perfectly. Shipping weight, 12 lbs. Brass Tank, \$9.50. Galvanized Tank, \$6.50. Not prepaid.

HUDSON JUNIOR SPRAYER

Will do any work the Perfection can. Holds 2½ gallons and has clamp instead of screw top. Substantially made and will give entire satisfaction. Shipping weight, 9 pounds. Brass Tank, \$7.50 each. Galvanized Tank, \$5 each. Not prepaid.

ELEPHANT SPRAY HOSE. Ordinary garden hose is not suitable for sprayers. A spray hose must be strong to withstand pressure and made of material to withstand the action of chemicals used in the spraying solutions. We can recommend the Elephant Brand very highly. ¾-inch, 5-ply, 22 cts. per foot; ½-inch, 7-ply, 28 cts. per foot, not prepaid. Shipping weight, about 4 ounces per foot.

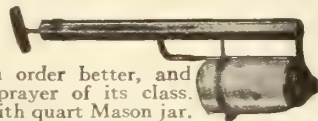
BRASS EXTENSION RODS. Two-foot brass rods with ¼-inch pipe connections, especially made for Auto-Spray No. 1 and Perfection Sprayers. 50 cts. each, not prepaid.

FEENY DUST GUN, MODEL B

One of the best dusters we have ever sold. Easy and clean to use. The dust cloud starts the instant you push the handle forward, and it may be regulated from a mere "haze" to a cloud of large size and force by the stroke you give it. This gun is ideal for applying all powder insecticides and fungicides on gardens, flowers, fruit, etc., also for applying all kinds of powdered fly, rat and roach exterminators. \$1.25 each, ppd.

GLASS JAR SPRAYER

Works easier, stays in order better, and lasts longer than any sprayer of its class. Length, 22 inches. Use with quart Mason jar. No. 101, Tin Tube, Zinc Jar Top Filler Cap, \$1.25 each, postpaid. No. 102, Tin Tube, Brass Jar Top Filler Cap, \$1.50 each, postpaid.



ECLIPSE BARREL PUMPS

If interested in a Pump of this size we will be pleased to send detailed description. Made in three sizes.

MYERS LITTLE GIANT BUCKET PUMP

This Pump has a place between the hand atomizer and barrel pump. Being made of brass with brass ball valves, will not rust or corrode. Has malleable iron foot-rest, jet agitator, improved brass air-chamber and two nozzles for coarse and fine spraying. \$4.50 each. 4-foot extension rod, 60 cts., not prepaid. Weight, 7 pounds.



IMPROVED

VERMOREL NOZZLE No. 136

A good general-purpose Nozzle and best for whitewashing. Pushing the plunger cleans any obstruction out of discharge opening. Made of brass. Furnished with five diaphragms for coarse or fine work. 85c., ppd.



NON-CLOG JR. NOZZLE

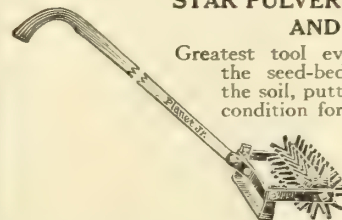
This is the popular disc type. A removable screen prevents clogging. No horns or hooks—nothing to catch or clog. The most up-to-date and satisfactory nozzle on the market. As illustrated or straight, 85 cts. each, postpaid.



STAR PULVERIZER, CULTIVATOR AND WEEDER

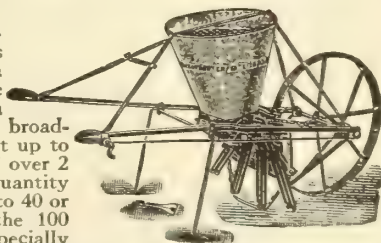
Greatest tool ever offered for preparing the seed-bed. Smooths and "fines" the soil, putting it in the best possible condition for seeding. More thorough and rapid than the ordinary garden rake. Width of cut 7½ inches. The star disks break up the soil and the oscillating blade pulverizes and

levels it, at the same time cutting off the weeds directly beneath the surface. Works equally well forward and backward. As a cultivator, it can be used right after a rain without leaving the soil lumpy. Price, \$3.50 each, not prepaid. Shipping weight, 6 lbs.



McWHORTER FERTILIZER DISTRIBUTOR

For distributing all commercial fertilizer. It distributes the fertilizer in a furrow, beside the growing crop, as a topdresser or as a broadcaster to any extent up to a uniform spread of over 2 feet, and in any quantity from a few pounds to 40 or more pounds to the 100 yards of row. Especially adapted to applying fertilizer to strawberries or other similar planted crops. \$22 each, not prepaid. Shipping weight, 85 lbs.



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NAMES OF VARIETIES WANTED Place One Variety Only to a Line				Do not write in this column	PRICES	
Pounds	Ounces	Packets			Dollars	Cents

PLEASE USE THIS ORDER SHEET

THE LIVINGSTON SEED CO., Columbus, Ohio

 PLEASE WRITE YOUR NAME AND ADDRESS PLAINLY AND IN FULL IN THE BLANKS BELOW
EXTRA ORDER SHEETS AND RETURN ENVELOPES WILL BE SENT YOU ON APPLICATION

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Express
Traction
Freight

Name _____

Post Office _____

R. F. D. No. _____, Box _____, State _____

Street No. _____

Ship to (Station) _____

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PLEASE WRITE NAME AND ADDRESS VERY PLAINLY IN THE ABOVE

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PLEASE ANSWER

Are you a Florist? . . . _____

Are you a Market Gardener? . . . _____

Do you wish our Special Farm Seed Catalog? _____

See page 56 . . . _____

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give no warranty, express or implied, as to
description, quality, productiveness, or any
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we send out, and we will not be in any way
responsible for the crop.

NAMES OF VARIETIES WANTED

Place One Variety Only to a Line

Pounds Ounces Packets

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THREE CHOICE ANNUALS

The three flowers shown on this page should be included in your order this year. They are all easily grown, and, being annuals, bloom quite early from seed sown in the open ground. The stock we offer is a wonderful improvement over the ordinary varieties. If you want the best that money can buy—something better than your neighbor will have—then order a packet or more each of these flowers.

Scabiosa (Mourning Bride)

Livingston's Improved
Finest Mixed

Blooms profusely throughout the entire season; flowers very large and are borne on long stems well above the foliage, making it an excellent cut-flower. Our mixture is extra fine.

(2404) Pkt. 10 cts.

Snapdragon

Livingston's Giant-flowering Mixed

The individual flowers, as well as the flower-spikes, are truly of giant size. The long, stiff stems tend to make these fine for cut-flowers as well as for bedding. You cannot afford to be without our Giant Snapdragons this season. Order today.

(1350) Pkt. 25 cts.

Helichrysum (Strawflower)

Livingston's Choice Mixture

This is one of the best Everlasting Flowers and is very fine for winter bouquets. Flowers are large and you will find a wonderful range of color in our Mixture.

(1888) Pkt. 10 cts.

Scabiosa (Mourning Bride)
Livingston's Improved
Finest Mixed

Pkt. 10 cts.
See page 79

Snapdragons
Livingston's
Giant-
flowering
Mixed

Pkt. 25c.

See
page 60

Helichrysum
(Strawflower)
Livingston's Choice
Mixture

Pkt. 10 cts.

See page 68



ROCHESTER PINK
Pkt. 10 cts



SEMPLER'S WHITE
Pkt. 10 cts.



KING VIOLET
Pkt. 10 cts.



These Asters represent three of the types used in our Livingston's Superb Mixture. Full description and price of this mixture, as well as all other varieties, will be found on page 59.



GEORGE SHAWYER
Pkt. 15¢

MRS. TOM JONES
Pkt. 15¢

KING WHITE
Pkt. 15¢

The
LIVINGSTON SEED CO.
59-61 East Chestnut Street
COLUMBUS, OHIO

The Sweet Peas illustrated above are three of the seven varieties offered in our Superb Spencer Collection. Be sure to include this collection in your order. See page 81 for description and price.